Alberta Training Services Index

Alberta strong and free

89-04245/

TRAINING SERVICES IN ALBERTA

Across the globe, the one constant in business and industry is the importance of human resources. Alberta companies and institutions recognize this by presenting well-designed training programs.

Training is an integral aspect of international marketing and is often an important element in project completion and technology transfer.

The Alberta Training Services Index, a directory of over 70 companies and institutions providing applied, job-related training, represents a wealth of resources.

The Directory is intended for commercial contacts in Alberta's many trade markets. As well, it should serve as a convenient reference for Canadian agencies and organizations when they are approached about meeting training needs from overseas contacts.

More and more Alberta companies and institutions are rising to the challenge of international training needs. The Alberta Ministry of Economic Development and Trade encourages employers or other sponsoring organizations to access the great variety of training services they provide.

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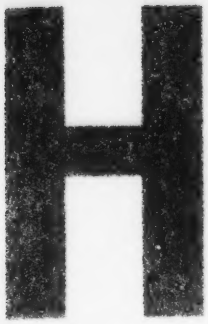
THE PROVINCE OF ALBERTA

One of ten provinces, Alberta is located in western Canada. It comprises an area of some 661,000 square kilometres and has a population of 2.4 million. Approximately half of all Albertans live in or near Edmonton and Calgary, the province's two largest cities.

Once largely dependent on agriculture, Alberta is now known as Canada's "energy province". It provides over 80 percent of the nation's conventional crude oil production and is by far Canada's largest producer of natural gas. Alberta also has a reservoir of massive amounts of coal and has developed tremendous capabilities in the production of synthetic crude oil from its vast oil sands reserves.

In building on the province's traditional strengths, Albertans have developed capabilities in such new and exciting fields as medical research, bio-technology, lasers, micro-electronics and the design of computer software. The province has a highly-developed transportation and communications infrastructure, is financially stable, culturally diverse, rich in natural resources, and has a skilled and energetic workforce.

Alberta has the largest area of preserved parkland in Canada, including the internationally famous Banff and Jasper National Parks situated in the Rocky Mountains. Alberta is a world class centre for sports, having hosted the XII Commonwealth Games, the World University Games, and the XV Olympic Winter Games.



HOW TO USE THE TRAINING SERVICES INDEX

Organizations are listed alphabetically under four major classifications: training organizations; oil and gas training; other specialized training; and post-secondary institutions. Individual listings provide pertinent information as to specialties, qualifications and experience. Unless otherwise indicated fees or costs are listed in Canadian dollars. If training fees are not listed this will usually mean that program or course fees are to be negotiated between the training organization and the client. In any event, tuition fees and other financial aspects should be confirmed when arrangements are being made. In most cases the capacity of the companies or institutions to accommodate overseas participants is limited, particularly for Alberta-based training, so it is important to allow for adequate lead times when scheduling training.

Those interested in training services should directly contact the organization which offers the program(s) or course(s).

If you require other information on specialized course development, please write or contact:
Director of Program Development
Ministry of Economic Development and Trade
11th Floor, Sterling Place
9940 - 106 Street
Edmonton, Alberta
Canada T5K 2P6
Telephone: (403) 427-4809
Telex: 037-2197
Fax: (403) 427-0610

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TRAINING ORGANIZATIONS

ALPHATEL SYSTEMS LTD. DIVISION OF ROVELL ENTERPRISES LTD.

16814 - 114 Avenue
Edmonton, Alberta T5M 3S2
Ph: (403) 451-5761
Contact: Dr. Robert A. Abell
Founded: 1981

Provides consulting services and product development in the field of technology-based education and training. Alphatel can develop and implement paper-based, computer-based and/or video-based instructional material for any subject area. The company can provide the technology, the hardware and software package to run computer-based training programs in any environment. The company has experience in developing education technology for governmental and post-secondary institutions in Alberta.

- PROGRAMS OR COURSES
  Specializes in computer-based training and exhibits for a wide variety of subject matter.
- STAFF
  Staff is qualified in all areas of education and technology including computing, curriculm development, courseware development and testing, and distance education.

THE BANFF CENTRE SCHOOL OF MANAGEMENT

P.O. Box 1020
Banff, Alberta T0L 0C0
Ph: (403) 762-6119
Telex: 03-826657
Fax: 762-6422
Contact: Mr. G. Peter Greene, *Vice-President*
Founded: 1953 *(Affiliated with The Banff Centre for Continuing Education)*

The Banff Centre School of Management offers over 50 management education seminars, workshops and conferences in Banff, across Canada, and overseas. Over 1,400 middle to senior-level managers, executives, and independent experts from business, government, natural and cultural resources sectors attend these programs. 65% of participants normally come from within Canada, 30% from central and eastern Canada, and 5% from other countries. While the program focus is on general management, several industry-specific management sessions are presented.

- PROGRAMS OR COURSES
  Courses and seminars are offered on various topics in management studies, environmental management and arts management programs.
- STAFF
  A core staff of professionals is responsible for program design, marketing, delivery and evaluation. The annual teaching faculty of 300 people is drawn from North American universities, businesses, governments, and the ranks of practising professionals. Instructors are selected on the basis of having a practical focus, in addition to professional qualifications and ability to work with experienced managers.
- FACILITIES
  Extensive facilities include residential capacity for over 30 (single rooms), classrooms, auditoriums, theatres, etc. These facilities are normally available from August through June of each year. There is a 16-station micro computer lab using IBM-PC XTs (with color graphics) plus mobile teaching station equipped with modem and video projection unit.
- TRAINING FEES
  Courses vary between three days to three weeks and residential cost plus tuition ranges from $850.00 to $6,250.00.

BANFF SCHOOL OF ADVANCED MANAGEMENT

P.O. Box 1020
Banff, Alberta T0L 0C0
Ph: (403) 762-6126/6127
Telex: 03-826657
Contact: Ms. G. Hadley, *Administrative Officer*
Founded: 1952 *(Sponsored by the Universities of British Columbia, Alberta, Saskatchewan and Manitoba)*

Provides advanced management training for middle and senior management levels. Program is designed to broaden perspectives, improve analytical skills and provide an overview of the nature of management functions. BSAM is specifically directed towards Canadians and Canadian institutions.

The program provides a particularly valuable insight into the structure of Canadian institutions and management practices which is potentially of interest to overseas students who wish to develop trade contacts in Canada. BSAM's training capacity for overseas students is limited to approximately 10 to 15 participants per session. BSAM provides a unique opportunity for overseas participants to work closely with middle and senior-level executives from Canadian public and private institutions.

- PROGRAMS OR COURSES
  Advanced management training in areas of human resource development, managerial functions and technology, the economic environment and policy processes. Six-week sessions are held twice a year at a cost of $8,500.00 per participant which includes tuition, text and course materials, accommodation and meals.
- STAFF
  Lecturers are drawn from participating or other universities. Most have Ph.D.'s and extensive experience in economic development programs.
- FACILITIES
  BSAM has access to the facilities of the Banff Centre which include residential and classroom space and computer terminals for assignments. Library has a wide range of current business and business press publications, reference texts, etc.

BASIC INTERNATIONAL TRAINING AND CONSULTING LTD.

3rd Floor, 933 - 17th Avenue SW
Calgary, Alberta T2T 5R6
Ph: (403) 245-8161
Telex: 038-22696 BMTIC
Fax: 244-8826 (G3)
Contact: Mr. Jean-Marie Bergman, *President*
Founded: 1982 *(Affiliated with Basic Group of Companies)*

Service is essentially that of educational/training brokers. Approach is to study the client's needs, then design a full program to meet them. The uniqueness of this service is to cover all aspects of the training program (financing, building plans if necessary, in-service training on the client's premises or training in North America). Basic understands the training needs of overseas adults and the industrial area (oil and gas, mining, computers, etc.) as defined with the client. The company does not wish to limit its training programs by subject matter; but rather provides services which are complementary to those of equivalent manufacturers or existing institutions.

- PROGRAMS OR COURSES
  Training-needs assessment, design and implementation of human resource development programs. Custom-designed on overseas courses delivered client's premises. Delivered courses in oil production in Daqing, China and heavy machinery maintenance in Latin America.
- STAFF
  Staff have experience in education administration, delivery of special training programs for native people of Canada, and background in computer sciences and architecture.

CANADA TRAINING GROUP, INC.

#240, 3015 - 5 Avenue NE
Calgary, Alberta T2A 6T8
Ph: (403) 248-2437
1-800-661-1663
Fax: (403) 273-0911
Contacts: Mr. Dave Smith, *President*
Mr. Tim Allan, *Executive Vice-President*
Founded: 1980

The Canada Training Group provides a broad range of specialized programs and services through its four associated divisions. As one of the largest private training companies in Canada, the four divisions of the firm offer programs relating to Technical, Loss Control and Safety, Human Resources and Equipment Operator training.

Trainee programs have been presented across Canada with subject matter adapted to a variety of industry settings.

- PROGRAMS OR COURSES

The Canada Training Group, through its four divisions offers open seminars at major cities and locations throughout Canada. The Technical Division offers electrical, electronic and mechanical maintenance programs. The Loss Control and Safety Division offers programs relating to safety for workers, supervisors and senior managers as well as consulting on implementing loss control management within the company. The Human Resources Division offers programs on management, communications and leadership. The Equipment Operator Division gives customized programs to train workers to operate their own mobile equipment on-site. Programs are advertised nationally and allow companies to schedule small groups or individuals to attend according to their training schedule. As well, the Canada Training Group offices' on-site training at their client's facilities. This provides the client with greater flexibility in scheduling at greater savings.

Detailed cost proposals, brochures and course outlines are available on request.

- STAFF

The Canada Training Group has a staff of 25 consultants and support staff, each experienced in their area of expertise. Instructional staff for each division are carefully screened for experience, knowledge of topics and instructional ability.

- FACILITIES

Access to facilities across Canada as required as well as on-site training at client premises.

CBTS - COMPUTER BASED TRAINING SYSTEMS LTD.

135, 6715 - 8th Street NE
Calgary, Alberta T2E 7H7
Ph: (403) 275-1680
Contacts: Dr. M. G. Massey-Hicks
Mr. Alec Stephen
Founded: 1981

CBTS develops systems for the management and administration of education and industrial training. The education spectrum includes the primary/secondary school system, technical colleges and universities. CBTS systems are presently being used by firms in the chemical industry and public utilities. The training program includes the functions of "training the trainers" and training educators in the use of computer technology in the classroom.

- PROGRAMS OR COURSES

Computer-assisted learning.

- STAFF

Staff have extensive experience in the computer science fields, adult learning and innovative instructional design.

THE CENTRE FOR TRAINING AND DEVELOPMENT

Suite 123, 2723 - 37th Avenue NE
Calgary, Alberta T1Y 5R8
Ph: (403) 291-0980
Fax: (403) 250-1073
Contacts: Mr. Dennis M. Heinzlmeir, P.Eng., *General Manager*
(Ph: (403) 291-0980 Calgary)
Mr. Dick Trembath, *Director, Northern Alberta Region*
(Ph: (403) 460-2568 Edmonton)
Founded: 1983

The Centre for Training and Development is a leader in human resources development. It is dedicated to improving an organization's quality, customer service and productivity. CTD's staff of professional faculty provide a full range of training and consulting services. More than 45,000 managers and supervisors were trained through our courses across Canada last year alone. It has offices in Calgary and Edmonton.

- PROGRAMS OR COURSES

Workshops and seminars range from one to five days. Self-paced programs range from eight to 16 weeks part-time. CTD also provides a full range of custom designed programs developed to the client's specific needs and delivered either on client's site or in CTD's training facility. CTD also has a full range of standard off-the-shelf programs.

Management: Management Development, Supervisory Skills, Leadership, Time Management, Organizational Goal Setting, Management by Responsibility. **Sales/Marketing:** Professional Selling Techniques, Selecting a Sales Force, Sales Management, Creative Selling Skills. **Communications:** Effective Oral Communications Skills, Presentation Skills, Accent Adjustment, Writing Skills, Speech Development, Speech Writing, Media Interviewing Training, Meeting Management.

- STAFF
  Staff have qualifications and experience in both industry and training-related positions with education qualifications at the Bachelor/Ph.D. levels. Consultants have overseas training experience in several regions of the world.
- FACILITIES
  Classrooms accommodate up to 50 students in seminar rooms.
- TRAINING FEES
  Company in-house workshops/-seminars range from $1,500.00 to $3,800.00 per day. Public workshop/seminars range from $225.00 to $2,495.00. Self-paced programs range from $895.00 to $2,495.00 (Exclusive of living costs/or room and board.)

DALCOR INNOVENTURES LTD.

1100, 10080 Jasper Avenue
Edmonton, Alberta T5J 1V9
Ph: (403) 424-7296
Fax: (403) 423-4796
Contacts: Mr. John McDougall
Ms. Jill Sarvis
Founded: 1975

DALCOR was established as a general management consulting practice specializing in human resource development, project management, organizational development and construction. The firm provides training and development programs for the resource and consulting sectors, construction, government and associations. The company has been active in Asia, Europe and North America.

- PROGRAMS OR COURSES
  Project management, petroleum engineering, cost engineering, information management and electronic office concepts.
- STAFF
  Each of the principals have professional degrees in engineering or data processing and more than 20 years of experience in industry, government and consulting.
- FACILITIES
  Classroom accommodating up to 20 students.

THE INTERNATIONAL CENTRE

The University of Calgary
2500 University Drive NW
Calgary, Alberta T2N 1N4
Ph: (403) 220-6994/7700
Telex: 03-821545
Fax: 282-7298
Contacts: Dr. Brent Ritchie, *Director of Division of International Business*
Dr. Melville Kerr, *Director of International Development*
Founded: 1986

The Centre was established at the University of Calgary to enhance the University's role in international education, research and exchange in collaboration with business and government. Offers short seminars and workshops, both standard and tailor-made, dealing with a wide range of managerial and development topics as well as technical topics. The Centre is also expanding its network of co-operation agreements with foreign universities.

- PROGRAMS OR COURSES
  Short-term (one day to three weeks) management seminars and workshops on various topics of international business. Will present tailor-made seminars or courses on business and trade opportunities focussed on specific sectors and/or countries and regions.
- STAFF
  Centre will draw on the University's expertise as well as expertise from the business community.

O

OIL AND GAS TRAINING

ADAMS PEARSON ASSOCIATES LTD.

#1660, 440 - 5th Ave. SW
Calgary, Alberta T2P 2T8
Ph: (403) 265-7226
Telex: 03-821172 CGY
Fax: (403) 237-7444
Contact: Mr. Mike Adams, *President*
Founded: 1982

Training courses developed by Adams Pearson Associates emphasize the practical aspects of petroleum engineering applications. Well testing includes the latest analysis and techniques and stresses the value of accurate and complete data acquisition techniques. A comprehensive manual is provided with each course, complete with a full literature reference list.

- PROGRAMS OR COURSES
  Well Test Planning and Analysis - five days. Reservoir Engineering. Production Engineering courses.
- STAFF
  The principals have professional degrees in petroleum engineering and mining engineering, coupled with many years' experience in the oil and gas industry in Canada, USA, UK, Norway and Asia/Pacific.
- TRAINING FEES
  (exclusive of living costs or room and board and travel time)
  $7,500 for one-week course
  $11,500 for two weeks.

ALBERTA SUMMER INSTITUTE FOR PETROLEUM INDUSTRY DEVELOPMENT

Alberta International
222 Campus Tower
8625 - 112 Street
University of Alberta
Edmonton, Alberta T6G 0Y1
Ph: (403) 432-2958
Telex: 037-2979
Fax: 432-7219
Contact: Mr. James (Jim) G. Campbell, *Director*
Founded: 1982

The Summer Institute offers an eight-week program for overseas oil and gas industry professionals. In addition to topics of general concern, the program provides three specialized options that deal respectively with upstream, downstream, and management aspects of the oil and gas industry. In six years of operation the Institute has trained 247 middle and senior management/professional level participants from 45 countries. The Institute can also organize short courses on specialized topics for professionals in their own countries. The Summer Program is offered during the months of June and July. An option is provided in English as a Second Language during the month of May

- PROGRAMS OR COURSES
  Summer Program: **Upstream:** exploration, hydrocarbon geology, drilling technology, production engineering, reservoir engineering and off-shore development. **Downstream:** transportation, and marketing, pipeline engineering, tanker transportation, gas processing and petroleum refining, petrochemicals and marketing mineral resource products. **Management:** management and policy development, training and manpower, organizational development, project development, energy policy development. The program has participation from oil and gas executives and professionals from around the world. ASIPID offered in-country seminars in Thailand with the National Petroleum Company of Thailand, 1984 through 1986.
- STAFF
  The Institute draws its faculty from professionals in academic, private, and government sectors. All are specialists in oil and gas-related areas and are authorities in their fields. The Institute has extensive experience in offering professional training in a cross-cultured setting.
- FACILITIES
  ASIPID has access to the resources of the University of Alberta and can arrange for research programs which utilize the University's lab facilities. Petroleum industry companies, which co-operate in offering the program, also provide participants with exposure to the latest in oil and gas technology.

- TRAINING FEES
  Program fees, which are inclusive of all living costs in Alberta, are $14,500.00 for the eight-week Summer Program.

BMP ENERGY SYSTEMS LTD.

1100, 777 - 8th Avenue SW
Calgary, Alberta T2P 3R5
Ph: (403) 234-7979
Fax: (403) 262-9775
Contact: Gerald D. Feschuk, *Manager, Marketing*
Founded: 1960

BMP ENERGY SYSTEMS specializes in natural gas measurement processes, consulting and training for both the domestic and international oil and gas industry. BMP is the only Canadian manufacturer of electronic integration equipment. This specialized measurement equipment utilizes "NGAS" (Natural Gas Accounting Software) developed by BMP's own programmers. Three Divisions, Production Accounting, Production and Surveillance, and Training, allow BMP to conduct training or consulting relating to every aspect of measurement control, field inspection, surveillance, audit, audit training, production accounting, loss prevention and security.

- PROGRAMS OR COURSES
  Natural Gas Measurement; Production and Revenue Accounting; Field Operating Practices; Production Monitoring and Verification Audit; Facility Applications; Government and Revenue Reporting and Reconciliation; Loss and Theft Prevention; Waste Processing and Central Treating Plants.
- STAFF
  BMP has built a team of recognized and respected specialists with expertise in production operations, measurement, security, engineering, accounting, and training. There are now 92 employees.
- FACILITIES
  Six Canadian and two U.S. offices. Head office in Calgary, Alberta has training facilities for classes of up to twenty. Specialists available for dedicated "on-site" training or seminars.

BALLATER RESOURCES LTD.

500, 808 - 4th Avenue SW
Calgary, Alberta T2P 3E8
Ph: (403) 266-2755
Fax: (403) 262-3589
Telex: 03 821172 CGY
Contact: Mr. Tim C. Presber, P.Eng., *Principal*

Ballater Resources Ltd. is a small consulting engineering firm specializing in consulting and training courses in Rod Pumping and Artificial Lift for engineers and technicians.

- PROGRAMS OR COURSES
  Rod Pumping is an intensive three-day course in the design, operation and optimization of rod pumping oil wells. The course is intended for engineers and technologists who have not attended advanced courses in Rod Pumping and carry current responsibilities for design and/or operations.

  Artificial Lift is a five-day course covering design and operation of artificial lift systems. Most time is spent on rod pumping, submersible pumps, and gas lift. Intended for engineers and technologists who are involved with the design and operation of these systems.

  Software and extensive course notes are included for both courses.
- STAFF
  All courses are given by Tim C. Presber, P.Eng. and Principal of Ballater Resources Ltd. - who has extensive experience in oilwell operations since 1973. His courses have been given in Canada and internationally.
- FACILITIES
  Open courses are held twice annually at a downtown Calgary hotel. In-house courses are conducted in client-arranged facilities.
- TRAINING FEES
  In-house courses are usually tailor made with negotiable fees. Open courses in Calgary:
  Rod Pumping $450 Notes and software included.
  Artificial Lift $725 Notes and software included.

BOW VALLEY INTERNATIONAL CONSULTING INC.

1800, 321 - 6th Avenue SW
P.O. Box 6610,
Postal Station "D"
Calgary, Alberta T2P 3R2
Ph: (403) 261-6100
Telex: 03-824692 DVI CGY
Contact: Mr. George Shaw MacMillian, *Consultant*
Founded: 1986 *(A subsidiary of Bow Valley Industries Ltd., Calgary)*

Bow Valley Industries Ltd., the parent company of Bow Valley International, is a Canadian natural resource company engaged internationally in the exploration for the development of oil, natural gas, coal and minerals. The training of technical and professional staff is one of the main consulting services offered by Bow Valley International. Training curricula for management, operations and maintenance personnel are project-specific and custom-created in consultation with the client. Technology transfer is accomplished through intensive workshop programs and practical hands-on experience at either the site of the client's project or at one of Bow Valley International's facilities.

- PROGRAMS OR COURSES
  Practical training in all aspects relating to oil, gas and sulphur exploration, production and marketing. Research division is dedicated to sulphur production. Courses also given on waste management with respect to plant design, operations and training. Western Research, a division of Bow Valley Industries, has been conducting seminars/workshops on sulphur recovery in major sour gas locations throughout the world. Currently a senior engineer from the Ministry of Petroleum, China, is taking on-the-job training at Alberta facilities.
- STAFF
  Access to experienced professional staff of large oil and gas company.
- FACILITIES
  Special lab facilities for training in analytical work on sour gas and sulphur recovery methods. Special facilities for practical training in directional and slant hole drilling.

CANADIAN STRATIGRAPHIC SERVICE LTD.

3613 - 33rd Street NW
Calgary, Alberta T2L 2A7
Ph: (403) 284-1112
Contact: Mr. Roy Nishizaki, *Manager*
Founded: 1950 *(Subsidiary of American Stratigraphic Company, Denver, Colorado)*

The Company provides standard five-day courses in sample logging to acquaint geologists with logging techniques to develop a systematic method of describing drill cuttings and cores. The course allows participants maximum access for study of cores and drill-cutting samples.

- PROGRAMS OR COURSES
  Standard five-day log sample and core courses which have been given to 2,500 practising industry geological personnel over the past 35 years. Nationals from other countries have taken training in Alberta and the program has been conducted in Dhahran, Saudi Arabia.
- STAFF
  Petroleum geologists with over 25 years' experience in the petroleum industry and five years' experience in teaching logging courses, and a geologist with six years' industry and two years' teaching experience.
- FACILITIES
  Classroom with 15 student capacity. Can handle up to four overseas students at one time.

CHALLENGER INTERNATIONAL SERVICES LTD.

1000, 715 - 5th Avenue SW
Calgary, Alberta T2P 2X6
Ph: (403) 269-3121
Telex: 03-825576
Contacts: Mr. Roy Allen, *President*
Mr. Ken McInnis, *Manager of Administration*
Founded: 1929

Challenger International Services Ltd. provides a full range of operating crew training for all facets of drilling rig operations including equipment, operations, maintenance and safety. The training is conducted throughout the term of a project and will be progressively directed towards the more senior and responsible positions on the rig. Training involves both classroom and on-the-job sessions.

- PROGRAMS OR COURSES
  Oil and gas drilling and servicing technology, mineral drilling technology, management and supervisory training for drilling rig operations. Provided on-the-job training supplemented with video and workbook instructions in Libya, Egypt and Pakistan, and has trained foreign nationals in Alberta training facilities.
- STAFF
  Staff training coordinator and drilling and servicing instructors for mechanical, electrical and drilling aspects of rig operations. All staff have training experience.

DB ROBINSON & ASSOCIATES LTD.

9419 - 20 Avenue
Edmonton, Alberta T6N 1E5
Ph: (403) 463-8638
Fax: (403) 450-1668
Telex: 037-2966 EDM
Contact: Frank Nolte *Vice President Marketing*
Founded: 1976

This organization can provide training to the most advanced level on the properties and behavior of reservoir fluids, pipeline fluids, or processing streams. This includes thermodynamic properties, phase behavior, enhanced oil recovery techniques, gas conditioning, gas processing and many related topics. Training programs also deal with laboratory techniques, analytical procedures, equipment design, computer software development and other selected subjects. Program includes computer terminal experience using state-of-the-art computer software for hydrocarben behavior.

- PROGRAMS OR COURSES
  Courses on enhanced oil recovery using hydrocarbon or other miscible solvents, phase behavior and properties of oil, gas and related materials.
- STAFF
  Dr. Donald B. Robinson is Professor Emeritus in Chemical Engineering at the University of Alberta and world renowned expert in thermodynamics and phase behavior. Other company principals have extensive backgrounds in theoretical and experimental research on oil and gas behavior, enhanced oil recovery gas treating and gas conditioning.
- FACILITIES
  Instruction in laboratory related technologies is undertaken in the company research laboratories. A one week course in the fundamentals of enhanced oil recovery is offered at P.I.T.S. in Calgary every autumn. (Typical class size of 25).
- TRAINING FEES
  (Exclusive of living costs or room and board) $1,000 per week.

GEOTECHNICAL RESOURCES LTD.

4500 5th Street NE
Calgary, Alberta T2E 7C3
Ph: (403) 230-4128
Fax: (403) 230-4370
Telex: 03821172
Contact: Mr. Arne Matiisen, *President*
Founded: 1980

Training courses are available across a broad range of geoscience applications for the petroleum industry. The company provides industry-wide and in-house training courses and consulting peronnel internationally as well as in Canada.

GEOTECH has specialized laboratories with unique capabilities in the area of core analysis, gas and fluids analysis, geological/petrological analysis and reservoir engineering.

- PROGRAMS OR COURSES
  "The Science and Technology of Core Analysis" is a week-long course available periodically in Calgary, in-house to groups or internationally on sufficient notice. Major topics: Geological Aspects; Coring, Preservation, Sampling; Basic Core Analysis; Supplementary Core Analysis; Enhanced Recovery Studies; Miscible Flood Studies; Reservoir Quality Analysis; Fractured Reservoir Analysis.

  The basic theory and applications taught in "The Science and Technology of Core Analysis" may be combined with hands-on laboratory sessions tailored to suit requirements for individual or small group training for international clients.

  GEOTECH provides personnel on consulting assignments related to training/planning/installation projects.
- STAFF
  Highly trained staff with extensive industry, academic and training experience in all areas of the company's activities.
- FACILITIES
  Open courses are conducted at facilities available in Calgary. GEOTECH's in-house facilities and labs are utilized for group training.
- TRAINING FEES
  Training fees are negotiated based on number of people, program duration and content. Industry-wide courses are $1,000 per week per person.

G. PYE SEMINARS

12320 Woodview Road SW
Calgary, Alberta T2W 2Y6
Ph: (403) 238-2413
Contact: Mr. Graham Pye

Specializes in training in geophysics at the technologist and introductory level. Offers a one to five-day course for geophysical technologists at any level and for non-technical members of the oil and gas industry.

- PROGRAMS OR COURSES
  Training in geophysics at the technologist level and introductory courses for non-technical personnel.
- STAFF
  Graham Pye has 13 years of geophysicist experience in the oil and gas industry and five years of teaching experience in geophysics.

HUGH W. REID & ASSOCIATES LTD.

Main P.O. Box 581
Suite 200, 306 - 2nd Street SW
Calgary, Alberta T2P 2J2
Ph: (403) 262-1261
Telex: 03-821172 CGY
Contact: Mr. Hugh Reid, *President*
Founded: 1978

Hugh W. Reid & Associates Ltd. provides consulting services on drillstem test interpretation (DST) and training seminars on this subject, both industry-wide and company in-house. The course is unique in that it is offered by an independent consultant who is not connected to any service company.

- PROGRAMS OR COURSES
  Drillstem test (DST) interpretation for geologists and engineers - five day short course. This course has been presented in the United States, Australia, Indonesia, India, Egypt and Thailand.
- STAFF
  Hugh Reid has 19 years' experience and has presented DST courses world-wide for several years. He is past President of the Canadian Well Logging Society.
- TRAINING FEES
  (exclusive of living costs or room and board)
  $650.00 per person on an industry-wide course.
  $1,500.00 per day for company in-house.

HYCAL ENERGY RESEARCH LABORATORIES LTD.

1338A - 36 Avenue NE
Calgary, Alberta T2E 6T6
Ph: (403) 250-5800
Telex: 03-821172 CGY
Contacts: Mr. Doug Bennion
Ms. Maureen Acres
Founded: 1976

Training programs teach clients to design laboratory experiments and to interpret and utilize laboratory data. Company provides in-house training for overseas companies to perform studies, under supervision, utilizing their reservoir materials. Hycal has specialized equipment to study enhanced oil recovery processes and to study production problems relating to fines migration, clay swelling, sand control and simulation treatment. Numerical simulation is available for study of water flooding, thermal recovery, etc.

- PROGRAMS OR COURSES
  Enhanced oil recovery in the areas of laboratory research, reservoir engineering and numerical simulation. Worked on enhanced oil recovery projects in Peru and Madagascar and set up research facilities in Nigeria and Turkey.
- STAFF
  Staff have over 20 years' teaching experience in petroleum engineering, eighteen years teaching chemical engineering and fifteen years of training experience with laboratory technicians.
- FACILITIES
  One classroom to accommodate from 30 to 50 students and special laboratory facilities for investigation of enhanced oil recovery including steam flooding, steam stimulation, hydrocarbon miscible flooding, etc. and formation damage investigation.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Forty-hour course: $1,000.00 (US).

HYPROTECH LIMITED

Suite 400, 119 - 14th Street, NW
Calgary, Alberta T2N 1Z6
Ph: (403) 283-7710
Fax: (403) 283-4764
Telex: 03-821172 CGY
Contact: Dr. T. Vysniauskas
Principal and Director
Founded: 1975

Hyprotech Limited presents a short course (three to four days) on the design and modelling of oil and gas processes. The course is designed for chemical engineers and/or process managers in the oil and gas industry, who are using or considering the use of computer-aided engineering design programs for simulating separation processes. The course covers some of the underlying engineering and thermodynamic principles employed in the selection of various process flow schemes and provides hands-on experience with the application of a flow sheet simulator.

- PROGRAMS OR COURSES
  Computer-aided process design and modelling of oil and gas processes.
- STAFF
  Dr. W. Y. Svrcek is a professor of Chemical and Petroleum Engineering with the University of Calgary and a recognized expert in the areas of systems simulation and control. Dr. Vysniauskas is Principal and Director of Hyprotech, and has served as sessional lecturer at the University of Calgary. For the past eight years he has presented a (short) course at the University of Calgary as well as most of the major oil and gas centres in Europe, Asia and the Middle East.
- FACILITIES
  Courses are held at other predesignated areas or at client premises dependant on class size.

INTERCOMP RESOURCE DEVELOPMENT & ENGINEERING LTD.

1000, 840 - 7th Avenue, SW
Calgary, Alberta T2P 3G2
Ph: (403) 265-6550
Telex: 03-824857
Contacts: Mr. Peter M. Stanton, *President*
Mr. Ben Mares, *Marketing*
Founded: 1968 *(A subsidiary of Scientific Software - Intercomp Inc., Denver, Colorado)*

The Company specializes in oil and gas consulting, software applications and training. Intercomp coordinates training programs to meet specific developmental needs and has the ability to present all of its courses on an in-house basis. On-site training sessions have been presented for clients throughout North and South America, Asia, Africa, Europe and the Middle East. By using all of its resources - software products, technical consulting, and training - Intercomp can effect technology transfer that will enable client organizations to develop their people, solve their problems and do their work more effectively.

- PROGRAMS OR COURSES
  Oil and gas measurement, reservoir simulation, reservoir engineering, and petroleum economics. Recently trained foreign clients from Turkey, India, Libya and Pakistan at Calgary facilities and overseas at Abu Dhabi and Saudi Arabia.
- STAFF
  Highly-trained technical staff with extensive oil and gas industry experience in Canada and overseas, particularly in the Middle East.
- FACILITIES
  Classroom for 16 participants, a computer main frame and related petroleum software.

LEDUC SAFETY SERVICE LTD.

10330 - 71 Avenue
Edmonton, Alberta T6E 0W8
Ph: (403) 437-3462
Contact: Mr. Marvin Weir
President & General Manager
Founded: 1982

Safety training company devoted to presenting courses oriented to the petroleum industry in western Canada. The company has classrooms located in Edmonton and courses are held each week. Leduc Safety provides training on location, including remote areas. Leduc employs qualified and experienced instructors working with up-to-date training aids to make training programs interesting and beneficial.

- PROGRAMS OR COURSES
  A practical, common-sense approach to First Aid, Hydrogen Sulphide, C.P.R., Well Service & Drilling Blowout Prevention, Defensive Driving, Special Oilwell Boiler, Transportation of Dangerous Goods and Workplace Hazardous Materials Information System (WHMIS) training.
- STAFF
  Company has four full-time instructors who are certified in the above courses. Company uses six part-time instructors with similar qualifications.
- FACILITIES
  Classroom units with space for 40 students.
- TRAINING FEES
  The rate for our Open Classes in Edmonton are $45.00 to $250.00 per person depending on the type of course.

  In-house training rates are $250.00 to $350.00 per day, plus manual and registration/ certificate fee. (Travel expenses, room and board if applicable).

  Overseas rates are available on request.

NORWARD ENERGY SERVICES LTD.

#703, 1015 - 4 Street SW
P.O. Box 6686, Stn. "D"
Calgary, Alberta T2P 2E6
Ph: (403) 290-0264
Fax: (403) 265-6142
Contacts: Mr. J. R. Churchward, *President*
Mr. G. A. Smith, *Manager of Operations*
Founded: 1976

Since 1981, Norward has provided technical and safety training programs in support of its production well testing and equipment fabrication services. The program format combines classroom and on-the-job training. Programs are tailored to meet the specific theoretical and practical skill requirements of production well testing personnel. Classroom sessions consist of structured practical experiences supplemented with hands-on work-shop sessions. On-the-job training involves active participation in well test programs monitored through a structured field training plan. Norward is the only Canadian company offering formalized training programs on a full-time basis.

- PROGRAMS OR COURSES
  Specialized training programs for operators of production well testing equipment. Technical training programs for well test design and analysis personnel. Safety training for oilfield personnel in H_2S, First Aid, CPR, TDG, and WHMIS. Norward has presented this program in North America and to Australian, Chinese and Pakistani clients.
- STAFF
  Safety and Training Manager has ten years of instructional experience with the last seven presenting Norward's program. Manager of Technical Services delivers theoretical program content and has 17 years' experience.

- FACILITIES
  One classroom with a 12-student capacity and all the components of a production well test unit for workshop sessions.

NOVACORP INTERNATIONAL CONSULTING INC.

P.O. Box 2535, Station M
801 - 7 Avenue SW
Calgary, Alberta T2P 2N6
Ph: (403) 290-6450
Telex: 038-21503
Contact: Mr. C. D. Richards, *Senior Vice-President*
Founded: 1973 *a subsidiary of Nova, an Alberta Corporation*

Novacorp is backed by over 30 years of pipeline owner/operator experience with 14,000 kilometers of operating pipeline facilities. Novacorp can provide a complete range of training services from short specific technical programs to longer and broader programs covering all aspects of the pipeline and petroleum industries. Theoretical and practical instruction are combined into a training program tailored to each client's unique requirements. Technical content, instructional format, training duration and scheduling for each training program are based on the client's needs. Training programs can comprise any and all aspects of Novacorp's complete line of technological services.

- PROGRAMS OR COURSES
  Planning, detailed design, construction management, pipeline system operation, maintenance and technical support services are among the areas in which training programs are provided. Instrumentation controls and SCADA systems for pipeline facilities and networks and related training for computer systems and software development are also key areas for which training is typically provided. Training of all levels of management and supervision can also be provided in combination with the above technical subjects or as stand-alone programs.
- STAFF
  Novacorp utilizes senior engineering and technical operations personnel as well as supervisory and management personnel to provide instruction. In addition to being experts in their respective fields, instructional personnel have experience in providing training to international personnel and have presented courses for many countries including Australia, Thailand, Bahrain, China, Indonesia, Malaysia, Libya, Bangladesh, Japan, Finland, Sweden, Iran, Pakistan, Brazil, Turkey, and Canada.
- FACILITIES
  Besides an established technical training centre with classroom facilities for 100 trainees, training is provided using operating facilities including measurement and compressor stations, a pipeline control centre and numerous technical support centres including a metallurgical lab, welding lab, instrumentation/control shops, jet shops, gas analysis lab, etc.
- TRAINING FEES
  Training fees vary with the type of program being requested, the duration, the number of trainees and whether the program takes place in Canada or at the client's location.

NOWSCO WELL SERVICE LTD.

1300, 801 - 6th Avenue, SW
Calgary, Alberta T2P 4E1
Ph: (403) 261-2990
Telex: 03-821370
Contacts: Mr. Stan Baldwin, *Manager of Technical Training*
Mr. Craig McDonald, *Manager of International Sales*
Founded: 1962

In conjunction with the sale of equipment, Nowsco offers a complete package of operational skills training as well as technical instruction. Clients enter a field training program supervised by a Nowsco employee. Nowsco has hosted international students for periods of up to four months, providing training in technology and equipment operation for fracturing, acidizing, nitrogen and use of the endless tubing unit.

- PROGRAMS OR COURSES
  Courses in cementing, acidizing, hydraulic fracturing, nitrogen and carbon dioxide in the oil industry. Nowsco offers certificates based on performance and has trained personnel from India, Pakistan, Brazil and Hungary over the past two years. Nowsco has provided training in its specialized facilities in the UK and field training throughout the world.
- STAFF
  The manager of technical training has a number of years' field experience as well as training experience. Other staff have combinations of practical and training experience.
- FACILITIES
  Classroom accommodation for up to 24 students and specialized labs with all associated testing equipment for product development, cementing, and stimulation. In addition to its training facility in Calgary, Nowsco has a training facility in Great Yarmouth, England.

N.W. MILLER & ASSOCIATES LTD.

750, 700 - 4th Avenue SW
Calgary, Alberta T2P 3J4
Ph: (403) 266-3556
Contact: Mr. Norman W. Miller, *President*
Founded: 1986

Offers education and training for the assessment of the economics of exploration development for new oil and gas reserves under conditions of significant technical and financial uncertainty. The course involves discussions of theory and numerous practical problems for solution by individuals and teams. Training emphasizes the interdependence of the technical and financial aspects of petroleum exploration through the application of specialized computer software to evaluate the financial risk of exploration.

- PROGRAMS OR COURSES
  Economic and financial feasibility analysis of oil and gas exploration and development under conditions of uncertainty. Application of computer software to the economic analysis of petroleum exploration and development.
- STAFF
  Norman Miller has presented 16 international seminars on exploration economics over the past four years.
- FACILITIES
  One classroom with student capacity of eight and library of specialized studies regarding development potential of Canadian frontier and various oil and gas fields around the world.

OILFIELD P. M. SERVICES INC.

R.R. [illegible]
Wetaskiwin, Alberta T9A 1X2
Ph: (403) 284-7062 or (403) 352-7194
Telex: 038-21989
Fax: (403) 284-7163
Contact: Gordon W. Lentz *President* Deborah Lentz *Vice-President*
Founded: 1986

OPMS is a wholly Canadian-owned company, providing oilwell drilling equipment maintenance and preventive maintenance training, development and consulting.

The company provides tailor-made maintenance and preventive maintenance programs for individual international clients. Training programs include comprehensive manuals, hands-on training and specific program design to accommodate both supervisory and field-level personnel.

To further accredit the expertise of Oilfield P. M. Services Inc. the firm has formed a joint venture agreement with the International Education Division, of the Southern Alberta Institute of Technology (SAIT). This working relationship gives the international client a resource bank of technology courses to draw from, other than those OPMS itself can provide. It also provides the strength and expertise required to develop and deliver training programs around the world.

- PROGRAMS OR COURSES
  Development, training and consulting in the area of maintenance of oilwell drilling equipment.
- STAFF
  Gordon Lentz has extensive international experience in preventive maintenance operations and training in Canada, South and Central America, the Middle East, and South East Asia. Support training staff include personnel with international training and field operational experience.

  Consultants/instructors are selected for individual projects and requirements according to geographical, cultural, and specific program/client needs.
- TRAINING FEES
  Vary in accordance to client requirements, training program design and personnel requirements.

PHH PETROLEUM CONSULTANTS LTD.
1820, 101 - 6th Avenue SW
Calgary, Alberta T2P 3P4
Ph: (403) 232-6822
Telex: 03-822591
Contact: P. H. Holst, *President*
Founded: 1983

PHH Petroleum Consultants provides workshops on reservoir simulation with a practical, hands-on approach. Workshops are designed to familiarize each student with the basic assumptions and underlying theory of simulation technology. For students not familiar with model studies, these workshops remove any intimidation factor normally associated with the technology.

- PROGRAMS OR COURSES
  Reservoir Simulation Workshop - a one-week course providing a thorough grounding in the basics of simulation technology. The course is designed for reservoir engineers, with content divided equally between theory and practical training. The practical portion requires each student (based on his or her level of experience) to solve a variety of simulation problems using a computer terminal and the company's in-house computer system. The course emphasizes practicality and does not favour any particular brand of simulation software.
- STAFF
  The company president possesses a Ph.D in Chemical Engineering and has been consulting for over 10 years.
- FACILITIES
  The company's facilities are designed for a maximum of 12 students. Some projects have involved client personnel working in the company's office during project execution, typically a six-month duration. Overseas training may be negotiated with the client.

PETREL CONSULTANTS LTD.
Suite #565
800 - 6th Avenue SW
Calgary, Alberta T2P 3G3
Ph: (403) 233-0472
Telex: 03-822749
Contacts: Mr. Michael E. Doyle, *Vice President*
Ms. Elsa Huebner, *Training Director*
Founded: 1978

Offers a comprehensive and systematic training program for petroleum professionals based on exploration in the western Canada Sedimentary Basin. The program is open to geologists, geophysicists, engineers and landmen and the material covered in the program includes geology, geophysics, economics, land and exploration practice. In addition to its extensive short course listings for earth science professionals available in the Canadian exploration setting, Petrel is prepared to provide need assessments and to design custom programs for specific short courses addressed to specific training requirements.

- PROGRAMS OR COURSES
  Petrel offers a certificate program covering 63 instructional days. It can also offer overseas participants job attachments related to training for up to ten participants at one time. Fieldtrips are available on request for two and three day courses.
- STAFF
  The training program is managed by staff with extensive industry experience and high academic qualifications. All training staff are qualified and experienced in the oil and gas industry.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Certificate program: $12,475.00.

PETROLEUM INDUSTRY TRAINING SERVICE

13, 2115 - 27th Avenue NE
Calgary, Alberta T2E 7E4
Ph: (403) 250-9606
Telex: 03-822806
Fax: (403) 291-9408
Contact: Mr. Wayne C. Wetmore, Manager, *Training & Development*
Founded: 1961

The Petroleum Industry Training Service provides a wide range of petroleum industry upgrading or short courses for individuals already employed in the industry. These courses are scheduled on a regular basis throughout the year. Topical areas covered include production of oil and gas, pipelining, environmental aspects, drilling and well service, human resource development and safety, maintenance and gas plant operations. The Service now offers a pre-employment training program to prepare floorhands to work on drilling rigs.

- PROGRAMS OR COURSES
  Oil and Gas Production: pipeline, environmental, maintenance, drilling, well service, pre-employment, safety, human resource development, petroleum fundamental series, gas plant operations, heavy oil, correspondence courses, general petroleum. **Management:** supervisory methods, on-the-job training for safety, leadership and motivation. Have provided several overseas programs such as: well control training course in Indonesia, deep well injection course in Colombia, drilling practices in Kenya, Thailand and Jordan, introduction to drilling and the petroleum industry in Ecuador and production operation courses to two different Libyan companies', personnel in our Nisku training centre.
- STAFF
  Adult education specialist and seven training coordinators in the respective areas of oil and gas production, drilling and well service, pre-employment and environmental aspects. The Service has over fifty consulting instructors with experience and expertise in all segments of the upstream petroleum industry.
- FACILITIES
  A new training centre valued at $11 million has been completed. This 40-acre facility includes a ten-classroom building, lab facilities, drilling rig and a H_2S rescue and well control centre. The training centre in Calgary has five classrooms, a specialized library, a drilling simulator, reference books and books for sale. There is also a drilling simulator located in Halifax for well control training.
- TRAINING FEES
  For standard one to ten-day courses, fees vary from $80.00 to $200.00 per day of instruction. Certificates of attendance and certificates of performance are provided.

PETROLEUM TECHNOLOGY TRANSFER INC.

420, 736 - 8 Avenue SW
Calgary, Alberta T2P 1H4
Ph: (403) 232-6772
Fax: (403) 265-9363
Telex: 03-821172 CGY
Contact: Mr. W. Robert Porteous, P.Eng., *Managing Director*
Founded: 1987

PTTI offers a full repertoire of world class individual short-term training courses and entire upstream/downstream programs. These pertain to the international petroleum industry, government agencies, international finance and aid organizations and others and are presented by highly qualified consultant/instructors. The courses are described in a publication for clients obtainable from PTTI.

- PROGRAMS OR COURSES
  A partial list of subjects includes: Basin Exploration, Sedimentology and Stratigraphy, Drill Stem Test Analysis, Cementing Technology, Hydraulic Fracturing and Acidizing, Formation Damage, Artificial Lift, Economic Evaluation Methods. Production Facilities: Measurement and Auditing, Basic Reservoir Engineering, Miscible Flooding, Steam Flooding, In-Situ combustion. Use of Microcomputers in Reservoir Engineering, Project Management, Joint Ventures, International Sulphur Marketing.

  Course descriptions for each of the courses are available to clients on request.

Content can be tailored to fit particular requirements. For example, training necessary for the effective installation, operation and maintenance of special equipment such as laboratory equipment, or for special field applications of advanced technology.

- STAFF
  The instructors are each highly experienced, appropriately educated, well respected in the Canadian petroleum industry, and all have international experience.

  All are active consultants who are currently involved in the industry, and they are available to consult on matters related to their subjects.

  A partial list of the directors /instructors includes: Robert Porteous, P.Eng., (Managing Director), Andrew Baillie, Ph.D., P.Geol., Doug Bennion, Ph.D., P.Eng., Bob Greggs, Ph.D., P. Geol.. George Shaw MacMillan. B.A.Sc., Tim Presber, P.Eng., Hugh Reid, P. Geol., Edward Thompson, Ph.D., P.Eng.

PETROPHYSICAL CONSULTANTS INTERNATIONAL LTD.

1424 Joliet Avenue SW
Calgary, Alberta T2T 1S2
Ph: (403) 262-7100
Telex: 038-21886 CGY
Fax: (403) 266-6103
Contact: Mr. G. E. Dawson-Grove, *President & Chief Consultant*
Founded: 1976

- PROGRAMS OR COURSES
  Custom designed courses in analysis of petrophysical well logs.
- STAFF
  President has 30 years of practical specialization in oil and gas well evaluation. He has presented petrophysical courses at post secondary institutions and oil companies.

PORTEOUS ENGINEERING LIMITED

420, 736 - 8th Avenue SW
Calgary, Alberta T2P 1H4
Ph: (403) 232-6772
Fax: (430) 265-9363
Telex: 03-821172 CGY
Contact: W. Robert Porteous, P.Eng., *President*
Founded: 1983

An international training/consulting engineering organization, PEL provides courses worldwide on the topics of well completions, workovers and drilling/production operations. All courses are accompanied by a full set of course notes, maintained up-to-date with word processing software. Hands-on problem-solving exercises are a major component of each course and courses have been presented with simultaneous or sequential translation.

- PROGRAMS OR COURSES
  Advanced Well Stimulation (Hydraulic Fracturing and Acidizing - five days; Formation Damage - three days; Sand Production Management - three days; Cementing Technology and Casing Design - five days.

  Lectures and courses have been presented many times at overseas locations and in Canada to delegates from many countries.
- STAFF
  Robert Porteous is a petroleum engineer with over 30 years of worldwide petroleum engineering experience. He has been active in training throughout his career and currently provides technical and professional level training for many oil companies, professional organizations, governmental and international organizations. In addition to his training role, Mr. Porteous is an active and internationally recognized engineering consultant.
- TRAINING FEES
  In-house courses will be presented for net $1,500 per teaching day in Canada or net US $1,500 per teaching day overseas. At client request, more than one course may be arranged for each overseas trip. Special situations may be negotiated.

PORTATRAIN ON-SITE TRAINING LTD.

Suite 206, 6025 - 12 Street SE
Calgary, Alberta T2H 2K1
Ph: (403) 253-2385
Contact: Mr. R. B. (Robin) Edmond, *President*
Founded: 1980

Provides training services both in-house and through open or general seminars and workshops. The intent is to bring the training as close to the customer as possible. Portatrain

utilizes technical consultants, design engineers, manufacturers/representatives and retired professionals to provide basic theory of operations and trouble-shooting techniques. The majority of the courses are designed to enhance and review effective working procedures for field operations. Through its "on-the-job training procedures program", Portatrain can assist with the development of a company's internal resources for the presentation of courses and the development of their own cost-effective training.

- PROGRAMS OR COURSES
  Introduction to petroleum technology. Introduction to field handling of natural gas and oil production. Drilling, completions and workovers. Gas plant operations, field instrumentation, etc. Has organized a basic instrumentation course in China as part of a World Bank-financed training program.
- STAFF
  Staff are individually recruited on the basis of their experience and qualifications for the specific training courses being presented. The Company has a list of consultants/instructors to package top-quality courses for all areas of the energy industry.

QUANTEL ENGINEERING (1981) LTD.

301, 12 Manning Close NE
Calgary, Alberta T2E 7N6
Ph: (403) 255-6401
Contact: Mr. S.S. Arrata, *President*
Founded: 1975

A Canadian oil and gas engineering firm specializing in off-shore and on-shore development activities. Staff have developed and taught reservoir, drilling and production engineering courses in Canada and around the world. Quantel has brought together a group of senior personnel with extensive oil industry experience and teaching expertise in order to present a full range of industry courses. Course manuals and/or reference material are provided for each course.

- PROGRAMS OR COURSES
  Reservoir Engineering. Drilling engineering, completion and workovers. Production engineering. Surface production facilities, design and operations. Corrosion. Water treament for oilfield applications, etc. Courses have been presented in Canada, USA, Australia, Malaysia, Libya and India.
- STAFF
  Professional engineers with extensive oil and gas industry experience and teaching experience ranging from six to ten years.
- TRAINING FEES
  Overseas one and two-week courses: $18,000.00 per week (Typically for groups of 25).

SERVIPETROL LTD.

P.O. Box 7010, Station "E"
Calgary, Alberta T3C 2L8
Ph: (403) 266-2535
Telex: 03-827538
Fax: 266-5220
Contact: Dr. Roberto Aguilera, *President*
Founded: 1980

Naturally fractured reservoirs hold large hydrocarbon reserves and represent potentially attractive economic targets in exploratory ventures. Short course training provides a current, unique, and widely tested approach to the evaluation of naturally fractured reservoirs and is designed specifically for the reservoir geologist, log analyst, reservoir engineer, and production engineer working or interested in this field.

- PROGRAMS OR COURSES
  Naturally fractured reservoirs. Course covers geological aspects, log interpretation, well testing, completion methods, fractured shales, primary and secondary recovery, and case histories. courses have been presented in USA, Canada, South America, Central America, the Middle East, North Africa, Europe, India, Japan and Indonesia.

- STAFF
  Roberto Aguilera, a Ph.D. in Petroleum Engineering, has developed various techniques for the evaluation of naturally fractured reservoirs. In addition to published articles in industry journals he is the author of the book Naturally Fractured Reservoirs (1980). Michael Ng, a Ph.D. in Mathematics, is involved in research related to well testing and numerical simulation of naturally fractured reservoirs. He has published articles on these subjects.
- TRAINING FEES
  (exclusive of living costs or room and board)

  $11,000.00 (US) for four day, $13,000.00 (US) for five day in-company courses. $990.00 (US) per person for open registration five day course.

SKM CONSULTING LTD.
826, 205 - 9th Avenue SE
Calgary, Alberta T2G 0R4
Ph: (403) 233-9400
Telex: 03-821820
Founded: 1980

SKM Consulting Ltd. offers courses on natural gas processing, natural gas engineering, processing technology and project management.

- PROGRAMS OR COURSES
  Natural gas processing principles and technology. Natural gas engineering. Gas processing technology. Project definition and plant project management.
- STAFF
  Principals have extensive experience in teaching natural gas courses and have presented overseas courses in Thailand, England and Norway.
- FACILITIES
  Courses are given in the customers' offices.
- TRAINING FEES
  The fees depend primarily on whether the client wishes the standard course or a customized course. SKM will respond to any requests for proposals and is prepared to provide courses for a lump sum agreed to before hand.

TECHNOLOGICS RESEARCH AND COMMUNICATIONS

Alberta Stock Exchange Tower
Suite 2050, 300 - 5 Avenue SW
Calgary, Alberta T2P 3C4
Ph: (403) 237-0006
Fax: (403) 233-2798
Telex: 03-827870
Contact: Mr. William Loughran
Founded: 1979; incorporated in 1980 as William Loughran & Associates Ltd.

Technologics Research and Communications is the registered trade name of William Loughran & Associates Ltd.

The company's mandate is to provide intensive one and two-day seminars on the specialized activities, technology and organization of the Canadian petroleum industry. Courses are specifically designed to provide a basic understanding of the salient technical features of the industry for a broad range of people with little or no technical background in the topics addressed. Most presentations are made on an in-house basis for corporate and governmental clients, but some public sessions are offered as well.

- PROGRAMS OR COURSES
  Courses range from "FUNDAMENTALS OF PETROLEUM TECHNOLOGY" the definitive, two-day, integrated overview of Canadian oil and gas exploration, production, transportation and processing-to shorter, more focussed, one and partial-day presentations on such topics as Oil and Gas Accounting, Canadian Frontier Exploration and Petroleum Refining.
- FACILITIES
  Specialized facilities are not usually required for the general type of training provided. Technologics prefers to pass on a saving in overhead costs to clients by not maintaining their own training facilities. This also allows Technologics considerable flexibility in arranging for appropriate and conveniently-located facilities on the open market while also allowing clients to more fully utilize their own in-house facilities.

- STAFF
  Bill Loughran B.A., M.A., has been involved in the petroleum industry in various research, managerial and consulting capacities since 1973. He is Technologics' main seminar developer and facilitator and has served as the President and CEO since forming the company a decade ago. Since entering the corporate training field full-time in 1980, he has personally conducted some 450 days (approximately 3600 hours) of petroleum industry seminars in cities across Canada.
- TRAINING FEES
  Fees range from $90.00 to $200.00 for in-house sessions and from $150.00 to $325.00 for public presentations of one and two-day seminars.

TEKNICA RESOURCE DEVELOPMENT LTD.

1100, 736 - 6th Avenue SW
Calgary, Alberta T2P 3T7
Ph: (403) 269-4386
Telex: 03-826725
Contact: Bernie DeLorme
Manager of Marketing

Digital processing of geophysical data and delineation of hydrocarbon reservoirs with synthetic sonic logs. Teknica's seislog method for stratigraphic evaluation of hydrocarbon reservoirs is a leader in the technology transfer field. The seislog method of processing and interpretation of seismic data is marketed with the value-added option of technology transfer. Client training is provided in Teknica's Calgary offices.

- PROGRAMS OR COURSES
  Since 1985, 35 visiting professionals have worked at Teknica's Calgary office with the length of training varying from three months to one year-depending upon the contract and technology transfer terms. These professionals have come from Pakistan, Hungary, Venezuela and China. Prearrival and departure arrangements have been managed by Teknica. Teknica has also provided training overseas.
- STAFF
  President Roy O. Lindseth and two other senior staff have extensive industrial experience as well as teaching experience at universities and colleges in Canada and the United States.
- FACILITIES
  Teknica's exploration data workstations in its Calgary facilities are available for hands-on training. Teknica maintains a geological/geophysical library of textbooks, journals and atlases.
- TRAINING FEES
  (exclusive of living costs or room and board)

  Fees of $3,000.00 per month include certificates of attendance for participants.

TECHNIFLUIDS/NMC
(a division of CIL Inc.)

335 - 25 Street SE
Calgary, Alberta T2A 7H8
Ph: (403) 248-4607
Fax: (403) 269-7224
Contact: Mr. Dan Williamson,
Manager of Research & Development
Founded: 1959

Mud management training is designed to improve the mud engineer's ability to solve problems efficiently. Drilling fluid management courses can be tailored to suit specific requirements. Course duration varies from two to three days (ie. overview of drilling fluids) to a four-week course designed to provide comprehensive training in drilling fluid technology. Specific topics such as clay chemistry, hydraulics, drilling fluid rheology, can be presented in short courses or included in the four-week comprehensive program.

- PROGRAMS OR COURSES
  Drilling fluid management and other specialized topics relating to drilling fluid function, work over and completion fluid systems (formulation, function and application).
- STAFF
  Staff's academic qualifications range from Bachelor to Ph.D. degrees and mud management instruction experience ranging from five to 10 years.
- FACILITIES
  Classroom for 20 participants and laboratory facilities that include fully equipped drilling, work over and completion fluid laboratory. Special equipment includes particle size analysers, rheometers, gas chromatograph.
- TRAINING FEES
  (exclusive of living costs or room and board)

  $100.00 per day per person for short courses. $3,000.00 per month per person for a four-week course.

WESTBURNE DRILLING

17th Floor, Ford Tower
633 - 6th Avenue, SW
Calgary, Alberta T2P 2Y5
Ph: (403) 292-0200
Telex: 038-25629
Fax: 264-8172
Contact: Mr. Milt Deck
Founded: 1976

Provides well control training for Westburne personnel and the personnel of other contractors and operators around the world. Training focuses on field operating conditions and hands-on experience is provided with IMCO Boss Pressure Controlled Simulator with continuous printout of stand pipe and casing pressure. Hydrogen sulphide training includes extensive hands-on training with protection and measurement devices and participants are taught how to inspect, sanitize and store equipment. Special emphasis is given to H_2S in drilling operations.

- PROGRAMS OR COURSES
  Well control training, H_2S training. Extensive experience with overseas training or training of foreign personnel in Alberta from countries in South East Asia, the Philippines, the Middle East, North Africa and Australia.
- STAFF
  Training co-ordinator has 15 years of adult education and teaching experience in blowout prevention, well control and H_2S. Technical diplomas and university degrees to the Masters level.

WILLOWGLEN SYSTEMS LTD.

Willowglen Business Park
Manning Close NE
Calgary, Alberta T2E 7N5
Ph: (403) 272-1800
Telex: 03-825630
Fax: (403) 272-2114
Contact: Mr. Bryan Williamson, *Applications Engineer-Manager*
Founded: 1980

Programs are geared specifically to trainee operators of the Willowglen systems in the detailed use of the system. Methods of obtaining pertinent data and methods of controlling their operations, using the computerized remote control Willowglen system. Remote control sensing is also applicable for electric, water and telecommunication systems.

- PROGRAMS OR COURSES
  Training for operation and maintenance of the Willowglen system. Training certificates awarded on completion. Courses of a more general nature on system design are available on a custom basis.
- STAFF
  Instructors are senior programmers and senior technicians with in-depth knowledge of the systems, and system application engineers.
- FACILITIES
  One classroom with capacity of up to ten students and electronic test facilities.
- TRAINING FEES
  Courses are tailored to the individual's needs.

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OTHER SPECIALIZED TRAINING

AGRITEAM CANADA CONSULTING SERVICES

Suite 500, 10201 Southport Road SW
Calgary, Alberta T2W 4X9
Ph: (403) 253-5298
Telex: 03-825582
Fax: (403) 255-2444
Contacts: Mr. Alex Schumacher, *President* Mr. Robert Francis, *Senior Vice President*
Founded: 1987

Agriteam Canada Consulting Ltd. is an agricultural consulting firm offering a full range of services in the areas of crop and grain production, livestock production and processing, rural development, resource development, training and technology transfer, agribusiness and project management. These services are offered to the international agricultural community.

Agriteam's training programs stress the qualities of self-reliance and sustainability. The firm believes that the skills and technologies introduced must be practical and consistent with local community conditions in order to provide long-term benefits.

Agriteam's approach to developing training programs is to assess the training need and then to custom design a program drawing from a variety of on-the-job, counterpart, supervised practicum, technical seminar and formal classroom instruction formats.

- PROGRAMS OR COURSES
  Agriteam offers a variety of courses pertaining to agricultural management, production/processing techniques and rural/resource development issues. Courses can be held in Alberta, in the host country or a combination of both. For a training program in St. Kitts, Agriteam offers an abattoir training program that involves supervised hands-on instruction of meat processing and abattoir management techniques in an operating plant in Alberta; development of a detailed training/operational manual; followed by additional hands-on training at the actual plant in St. Kitts.
- STAFF
  Through formal and informal agreements, Agriteam assembles its training teams from private industry, a variety of colleges and universities and independent consultants from the training community.
- FACILITIES
  Access to a range of classroom facilities either in plant or through Agriteam.

ALTA TELECOM INTERNATIONAL (ATI)

2400, 411 - 1st Street SE
Calgary, Alberta T2G 4Y5
Ph: (403) 231-2366
Telex: 038-21448
Fax: 231-8140
Contact: Mr. George Kosciuk
Founded: 1981 *(Subsidiary of Alberta Government Telephones)*

ATI has programs and facilities covering a wide spectrum of training in telecommunications ranging from presentation of AC/DC fundamentals to the more complicated subject of data transmission. As a subsidiary of Alberta Government Telephones, ATI has unlimited access to AGT's facilities, technical research and service delivery systems.

- PROGRAMS OR COURSES
  Telecommunications planning, engineering, maintenance, and project management. Certificates of attendance and performance are awarded for structured training courses.
- STAFF
  AGT trainers are available to ATI for international training. Trainers are engineers and technicians who have extensive background in telecommunications and training.
- FACILITIES
  Lab facilities for outside plant, mobile and data communication, software programming and telecommunications fundamentals are available, as well as specialized reference libraries with materials on all aspects of telecommunications.

AMTEK TESTWARE LTD.

5104 - 82 Avenue
Edmonton, Alberta T6B 0E6
Ph: (403) 466-6953
Fax: (403) 469-1397
Contacts: Mr. Laurie McClare, *President* Mr. Mitch Poirier

AMTEK Testware Ltd. is one of four businesses affiliated with the AMTEK Group of wholly Canadian-owned companies. AMTEK Management Inc. (AMI), the lead company, was founded in 1981. The Group covers the spectrum of support of government and industry sectors.

Backed by a team of professional instructors, the AMTEK Group maintains the leading edge of training technology. This technology includes Interactive Video and state-of-the-art instructional techniques. The company specializes in keeping government agencies apprised of the latest hardware and software technology, providing cost-effective solutions to training in any environment and offering valuable assistance to companies bidding for business in the Canadian defence market. AMTEK is western Canada's leading software developer specializing in automatic Test Equipment (ATE) technology and associated services.

- PROGRAMS OR COURSES
  AMTEK Testware Ltd. is a leader in software development and engineering, Automatic Test Equipment (ATE), software, life-cycle support and testability engineering. Operation/Maintenance Training, Operational ATE Test Software progamming, Equipment Planning/Acquisition, Maintenance Development, Technical Publication preparation, Project/Proposal Management and Integrated Logistic Support (ILS) are areas where AMTEK excels.
- STAFF
  The AMTEK Group's professional staff maintains the leading edge in modern test facilities and advanced electronic systems. Highly trained engineers and technologists are continually upgrading their skills while participating in several federal government and aerospace contracts. Ongoing high technology projects and study contracts provide insight into tomorrow's technologies and equipment requirements.
- FACILITIES
  AMTEK Testware Ltd. is located in a state-of-the-art aerospace and electronics development centre. The facility includes networked computer systems as well as standalone PCs, an ATE Support Centre, drafting office with blueprinting ability, technical publications development capability, microfilm reader/printer and audio/visual equipment.

ASSOCIATED MINING CONSULTANTS LTD.

1400, 910 - 7th Avenue SW
Calgary, Alberta T2P 3N8
Ph: (403) 264-9496
Telex: 03-821201
Contact: Mr. Alan L. Craven, *Manager*
Founded: 1976 *(Affiliated with Associated Engineering Group Ltd., Alberta and British Mining Consultants Ltd.)*

The Company provides training for operating mines personnel in mine maintenance, shotfiring, storage procedures and material handling, and management techniques. A comprehensive training program for underground mine foremen and seminars dealing with mine fire control are also offered.

- PROGRAMS OR COURSES
  Mining courses for shotfiring, preparation, coal mining and mine safety. Courses presented in the US and China.
- STAFF
  Staff have extensive experience in coal mine operations and consulting for the mining and minerals engineering sector. Academic qualifications in engineering and geology (Ph.D.). Extensive experience in providing short seminars and training packages.

F. G. BERCHA AND ASSOCIATES (ALBERTA) LIMITED

#250, 1220 Kensington Road NW
Calgary, Alberta T2N 3P5
Ph: (403) 270-2221
Telex: 03-827666
Fax: (403) 270-2014
Contact: Dr. F. G. Bercha, *President*
Founded: 1975

The company specializes in remote sensing, industrial engineering and arctic engineering. It offers a number of specialized training programs in the above areas. Current training contracts include remote sensing and digital image analysis for southeast Asian government departments and industrial engineering and risk analysis for a number of Alberta operating companies.

Courses and technology transfer programs have been conducted by the principals in various parts of Canada, the U.S.A., Norway, U.K., Saudi Arabia, Indonesia, Malaysia, South America and France.

- PROGRAMS OR COURSES
  The company designs and conducts specialized training programs relating to remote sensing, industrial engineering, arctic engineering and risk analysis. Technology transfer programs are designed to specific client needs with course presentation worldwide.
- FACILITIES
  Classroom facilities are available at the Calgary and Ottawa premises or at the site of trainee locations.

CANADIAN EDUCATIONAL CENTRE

Lister Hall
University of Alberta
Edmonton, Alberta T6G 2H6
Ph: (403) 439-9555
Telex: 037-2966 EDM
Fax: (403) 431-0305
Contact: Dr. Salwan Yousif
Founded: 1986

The Canadian Educational Centre (CEC) is involved in designing and delivering custom-made packages ranging from workshops to entire programs. These specialized programs are given at clients' premises or other location. The CEC co-operates with universities and other educational institutions on these training programs. CEC offers other services such as consulting services in areas of design and layout of educational facilities, developing training centres and providing educational and training personnel.

- PROGRAMS OR COURSES
  Programs include areas such as: management, business administration, health and medical science technologies, automotive mechanics, English language, etc.
- STAFF
  CEC draws its staff and instructors from professionals in the academic and private sectors. They have Ph.D. degrees or are authorities in their fields.
- FACILITIES
  The CEC utilizes the physical resources of educational institutions in Edmonton or clients' facilities.

CANADIAN INTERNATIONAL TRAINING INSTITUTE FOR WATER RESOURCES (CITIWR)

Alberta International
University of Alberta
Edmonton, Alberta T6G 0Y1
Ph: (403) 432-5119
Contact: Dr. Jac P. Verschuren
Founded: 1986

Provides training in effective management of water resources in developing countries. CITIWR incorporates the best of Canadian and international expertise in water resources including university educators, specialists in management, training and manpower development. The Institute also draws on practising professionals from industry, government and international funding agencies. The Institute's program is directed toward middle and senior management levels as well as technical/professional levels.

- PROGRAMS OR COURSES
  Drainage, water control, irrigation, river engineering and water resource planning and management. Training on the use of computers for water resource applications. Institute offers eight-week Certificate Program at a cost of $10,000.00 which includes living costs in Alberta.
- STAFF
  Jac Verschuren, acting Director of Certificate Program, has 35 years of Civil Engineering teaching experience at the University of Alberta. Instructors have B.Sc. to Ph.D. degrees and most have overseas work experience.

CANADIAN SPORTS ACADEMY

Lister Hall
University of Alberta
Edmonton, Alberta T6G 2H6
Ph: (403) 439-9555
Telex: 037 2966 EDM
Fax: (403) 431-0305
Contact: Dr. Salwan Yousif
Founded: 1985

The Canadian Sports Academy (CSA) can offer custom-designed programs in sport and fitness in Canada or in other countries. CSA offers other services such as consulting services in sport and fitness as well as organizing training camps for sports teams in Edmonton.

In the first three years of operation, CSA trained more than 200 sport administrators, coaches and fitness experts from 12 different countries. In addition, CSA organized four training camps for soccer and basketball national teams from three different countries.

- PROGRAMS OR COURSES
  A variety of international summer sports programs are offered for a period of three weeks. These programs are in the areas of sport administration, coaching (e.g. soccer, basketball, track and field, etc.), fitness, physiological and psychological testing and sports injuries. Programs include classroom and practical sessions.
- STAFF
  Staff and instructors come from academic, private and government sectors. All are specialists in sport and fitness-related areas. They have Ph.D. degrees or are authorities in their fields.
- FACILITIES
  The CSA uses the physical resources of the University of Alberta and other sports institutions in Edmonton. Canadian and Alberta sports associations, which co-operate in offering the programs, also make their facilities and expertise available.

CENTRE FOR FRONTIER ENGINEERING RESEARCH (C-FER)

C-FER Building
University of Alberta Campus
Edmonton, Alberta T6G 2E2
Ph: (403) 432-5108
Fax: (403) 433-5634
Contact: Mr. Tom Collier
Vice-President, Administration
Founded: 1983

C-FER is a not-for-profit research institute currently located on the University of Alberta campus. A collaborative venture funded by industry, governments and universities, C-FER's mandate is to undertake research designed to foster the safe and economical development of Canada's petroleum resources. Engineering expertise is related specifically to downhole tubular systems and offshore structures.

- PROGRAMS OR COURSES
  C-FER is committed to a philosophy of collaborative training of engineering students at both the undergraduate and graduate levels. Undergraduate students can enhance their learning experience at C-FER through cooperative education programs, a university-based educational plan which formally integrates the student's periods of study with periods of paid, discipline-related work. C-FER also encourages graduate students to combine their graduate work with related research at C-FER. In both cases, students benefit from direct involvement with industry, university and government communities which comprise C-FER's membership.

- STAFF
  Staff includes civil, mechanical, and metallurgical engineers, corrosion specialists and other related professionals. All have considerable research experience and several senior engineers have extensive industry experience as well.
- FACILITIES
  C-FER has specialized lab facilities for structural, mechanical and corrosion research. Funds have recently been committed for a world-class test facility designed to enhance state-of-the-art testing in both offshore structures research and downhole tubular systems investigations. The test facility is expected to be completed by the fall of 1990. In addition, C-FER has access to the University of Alberta's laboratory and library facilities.

COMMONWEALTH SEAGER GROUP

P.O. Box 9139 Station E
10720 - 209 Street
Edmonton, Alberta T5P 4K2
Ph: (403) 447-4565
Fax: (403) 447-3215
Contact: Mr. R. B. Jones, *Manager of Marketing*
Founded: 1969

This organization's engineering expertise includes the design, installation and maintenance of all forms of cathodic protection in virtually all industrial markets and the design and implementation of gas leakage detection programs. Within the scope of this expertise, programs have been designed to train personnel in all facets of the technology from basic design through to maintenance. This training consists of classroom instruction and field application.

- PROGRAMS OR COURSES
  Five-day courses on basic corrosion, cathodic protection, corrosion overview, and corrosion coatings. Each course is $1,675.00 per student. Two-day gas leakage detection course is $950.00 per student. The group has provided training programs in Kenya in connection with a large cathodic protection installation at a fuel storage facility.
- STAFF
  The president and managers have extensive experience and have presented training programs to clients in the oil and gas, utility, and municipal services sectors regarding cathodic protection.
- FACILITIES
  Classroom space for ten students and a technical library with reference material on cathodic protection.

COMPU DRAFT SERVICES LTD.

620, 2424 - 4th Street SW
Calgary, Alberta T2S 2T4
Ph: (403) 228-3538
Contact: Mrs. Sunderland, *Managing Director*
Founded: 1980 *(Division of Sunderco Investments)*

Compu Draft Services has provided computer graphics services to Canadian and US markets for the past six years and has helped advance computer-aided design (CAD) technology.

- PROGRAMS OR COURSES
  Computer-aided design/drafting training on intergraph CAD system. Provides a 70 hour certificate course with student evaluations for $5,000.00. Can accommodate from four to eight overseas students.
- STAFF
  Senior manager is a Certified Systems Professional (CSP), B.Sc. (Honours) and graduate studies and has been CAD manager for seven years. Other instructional staff have from two to six years' experience in computer-aided design operations.
- FACILITIES
  Six CAD terminals/work stations operating 24 hours a day.

COOPERS & LYBRAND CONSULTING GROUP

Suite 2600 Bow Valley Square 3
255 - 5th Avenue SW
Calgary, Alberta T2P 3G6
Ph: (403) 260-2222
Fax: (403) 264-1650
Telex: 03-825788
Contacts: Mr. Chris Phillips, *Principal* (Ph: 260-2132)
Mr. David Smith, *Partner* (Ph: 260-2128)
Mr. Peter Huggard, *Partner* (Ph: 260-2148)

2500 Oxford Tower
10235 - 101 Street
Edmonton, Alberta T5J 3N5
Ph: (403) 421-0121
Fax: (403) 421-3052
Telex: 037-41572
Contacts: Mr. David Simmonds, *Principal* (Ph: 421-0121)
Mr. Rick Williamson, *Partner* (Ph: 421-0121)
Founded: 1956

Coopers & Lybrand Consulting Group provides focussed training in the full range of management disciplines, employing skilled Canadian professionals who possess the necessary backgrounds in both business and public sector management and experience with course design and delivery. Staff have substantial international experience, with personal understanding of the cross-cultural learning process. Courses are designed to address the special needs of overseas participants, incorporating a custom blend of theory, case study, small group workshops, and interactive discussions. Whatever the industry focus, emphasis is placed on managing for results. Through their world-wide offices, Coopers & Lybrand can effectively support overseas training while contributing valuable local insights to course materials and instructor/participant interaction.

- PROGRAMS OR COURSES

  Management: Economic forecasting; strategic planning; organizational analysis; financial development management; policy developments and program evaluation; project management/planning and control systems; materials management/procurement; systematic maintenance management; total quality control; manpower planning and human resource management.

  Information Technology: Strategic information systems planning, C.A.S.E. technology, database and 4th generation language (4GL) application development, planning and delivery methodologies (SUMMIT Reg'd).

  Computer Systems: Management information systems; managing information technology; computer audits; micro-based end user computing; systems security and disaster recovery planning.

  Experience with training programs for oil and gas, mining, high-technology manufacturing, telecommunications, construction and food processing industries. Overseas training experience for clients in Thailand, Indonesia, Taiwan, South America, Bermuda and Africa.

- STAFF

  Coopers & Lybrand consultants are professionally qualified and experienced in accounting and auditing and have extensive project/consultancy experience in computer systems, economic and financial modelling, computer aided design, taxation and human resource management.

- FACILITIES

  Extensive libraries are maintained on specialized audit, accounting and tax subjects related particularly to the oil and gas industry as well as a more extensive collection of oil and gas industry materials.

CYCLONE ENGINEERING SALES LTD.

9719 - 60th Avenue
Edmonton, Alberta T6E 0C4
Ph: (403) 436-1385
Telex: 037-3793
Contacts: Mr. Patrick M. Dea, P.Eng., *President*
Mr. Vipul Patel, P.Eng., *Assistant General Manager*
Founded: 1963

Training programs cover coal preparation engineering from process design to planning, construction, and operation. Includes training in the concepts of the manufacturing process for cyclones and specialized equipment for the coal industry demonstrating how the various components are manufactured, assembled, and tested. Training deals with laboratory analysis and pilot plant operations to provide an understanding of sampling and testing procedures for coal producers and purchasers. Included in the programs will be on-site visits to Western Canadian coal preparation plants, the University of Alberta Coal Research Facilities and other coal research facilities.

- PROGRAMS OR COURSES

  Coal mining and preparation. Laboratory and pilot plant training. Coal preparation design and operator training.

- STAFF

  The project manager, project engineer and laboratory supervisor have broad experience in the design, building and operation of coal preparation plants and in coal analytical laboratory.

- FACILITIES

  Coal testing laboratory and pilot plant and a specialized library of coal preparation books, articles and papers, etc.

DELTA PROJECTS INC.

8500 Macleod Trail S
Box 5244, Station 'A'
Calgary, Alberta T2H 2N7
Ph: (403) 259-0569
Fax: (403) 255-1421
Contact: Mr. R. N. M. Lapinskie, *Consultant*
Founded: 1986

Delta Projects Inc. is a fully integrated engineering procurement and construction company offering a full range of capabilities in all disciplines that can be delivered on a world-wide basis. Delta's technological development has been targeted to natural gas processing, heavy oil recovery and upgrading, refining and petrochemicals, and offshore and frontier oil and gas production. The company has successfully completed projects ranging in value from $1 million to $300 management, ethane/LPT extraction and fractionation, sulphur recovery, and petroleum liquids refining. Delta's Maintenance Systems Division is gaining recognition for developing CASP (Computer Assisted Shutdown Planning), a turn-around planning system.

- PROGRAMS OR COURSES
  Computer Assisted Shutdown Planning (CASP™), a four-day instructional training course.
- STAFF
  The company maintains a staff of five consultants.
- FACILITIES
  Delta has training facilities at its offices in Calgary, Alberta, and Mississauga, Ontario.

THE DPA GROUP INC.

400 Monenco Place
801 - 6th Avenue SW
Calgary, Alberta T2P 3W3
Ph: (403) 298-4100
Telex: 038-22636
Founded: 1973

The DPA Group specializes in community development, development of training programs and project appraisal. Community development involves planning, identifying funding sources, recruiting of volunteers, and assessing and evaluating community development results. Training program development deals with training needs assessment, the preparation and implementation of appropriate training programs, and the evaluation of these programs in terms of results. Project appraisal incorporates benefits/cost analysis prepared according to the standards and criteria established by World Bank appraisals, including the social and developmental aspects of project development.

- PROGRAMS OR COURSES
  Community Development. Training Program Development. Program Appraisal and Cost Benefit Analysis and socio-economic impact assessment of projects.
- STAFF
  Staff have an M.A. degree in Economics, a Ph.D. in Economics and Business Administration and an M.Sc. in Clinical/Community Psychology. Experience ranges from development of training programs for northern native communities in Canada to project appraisal experience in Peru and Sri Lanka.
- FACILITIES
  Extensive library on community development, project appraisal, and socio-economic impact assessment approach methods.

DANATEC EDUCATIONAL SERVICES LTD.

300, 800 - 6th Avenue SW
Calgary, Alberta T2P 3G3
Ph: (403) 232-6950
Contacts: Marilyn Bright, Robert Nagy
Founded: 1985

Danatec provides training services and publications for the transportation, handling and disposal of hazardous goods. Danatec's proven ability to clarify regulatory requirements and customize training programs has led to the design and publication of instructor's manuals, employer's guides, student handbooks, "self-teach" packages and video programs, as well as consolidated, easy-to-read editions of government regulations.

- PROGRAMS OR COURSES

  A full range of Transportation of Dangerous Goods (TDG) courses and seminars for both air and road transport, tailored to meet the needs of individual companies or organizations. Courses vary in length from one-half day to four days, depending on the range of products to be discussed and the specific requirements of participants. A variety of courses for hazardous waste management and WHMIS (Workplace Hazardous Materials Information System) are also available.

  Publications include a consolidation of the TDG Act and Regulations; an Employer's Guide to WHMIS; a self-teach program for shippers and carriers of dangerous goods by road; and a dangerous goods Driver's Training Program, developed for Transport Canada and approved by provincial and territorial governments. Training aids include videos, charts, overheads and classroom handouts.

- STAFF

  The principals of the company, Marilyn Bright and Robert Nagy, have extensive backgrounds in air and road transportation. They developed, compiled and wrote all of Danatec's training courses and reference materials. Additional personnel are individually recruited on the basis of their experience and qualifications for the specific training course being presented.

KOMEX INTERNATIONAL

206, 1615 - 10th Avenue SW
Calgary, Alberta T3C 0J7
Ph: (403) 244-6412
Telex: 03-821172 CGY
Contacts: Mr. F. B. Claridge, *Managing Director*
Mr. T. L. Dabrowski
Founded: 1977

Conducts training in all aspects of hydro-geology, wells, groundwater exploration and evaluation, ground-water development (wells, drainage galleries), aquifer restoration procedures, etc. Training programs have been offered in Colombia and Swaziland and overseas participants have come to Alberta from Ethiopia, India and Bangladesh.

- PROGRAMS OR COURSES

  Groundwater resource management in various applications for the oil and gas industry, open pit mining, and agriculture including environmental management.

- STAFF

  Staff have qualifications and experience in teaching groundwater management, application of computer systems and mechanics, instructional projects focused on technology transfer and training in all areas of soil testing.

- FACILITIES

  Lab facilities for testing basic soil properties and permeability.

LEARNING ASSISTANTS INSTRUCTIONAL SERVICES LTD.

Box 3148
Leduc, Alberta T9E 6L9
Ph: (403) 986-0038

The company specializes in management consultation, needs analysis and contract education in the form of courses, seminars and workshops for employee upgrading in business and industry. The company's training programs are designed to harmonize with the client's management objectives, and may be geared to different skill and ability levels of the participants.

- PROGRAMS OR COURSES

  The company has developed, piloted and written training modules in English Literacy, Basic Business, Interpersonal Skills, Business Communication, Corporate Problem Solving, Introductory Accounting and the Computer, Career Development, Job Readiness, Mathematical Literacy, and Entrepreneurial Training. Some modules may be used as 'refresher' courses for people who have been away from the educational system for a number of years, or as an orientation to more advanced skill development. The company has also implemented local, on-the-job training programs for participants. All programs feature total mobility and bring information to users with minimal disruption.

  The company is also involved in research on a variety of new instructional materials in response to the training needs of government and industry at all levels.

- STAFF

  Professional staff has a wide range of training expertise.

K.R. NICHOL ASSOCIATES LTD.

201, 17205 - 106 A Avenue
Edmonton, Alberta T5S 1M7
Ph: (403) 963-4973
Telex: 037-41467
Fax: 489-4229
Contact: Mr. Ken Nichol, P.Eng., *President*
Founded: 1971

An independent group of consulting engineers and professional associates, K. R. Nichol Associates Ltd. focuses on problem analysis and helps clients carry out recommended solutions. This group provides training and development services to business, government and industry, drawing on their professional experience in the areas of engineering, construction, manufacturing, marketing and sales.

- PROGRAMS OR COURSES

Oil and Gas: Corrosion control technology. Industrial security training. Safety seminars. Instrumentation and oilfield maintenance. **Management Training:** Supervisory and management skills, interpersonnel and leadership skills, problem solving, team building and organization development. **Other**: Municipal water and sanitation. Construction and general contracting. Consulting engineering and project management services.

- STAFF

Staff has experience in management, corrosion engineering and training, construction technology and training, safety training, instrumentation and oil field maintenance. Associates have worked in Libya, Middle East countries, China and Europe.

MHL INTERNATIONAL LTD.

#500, 1177 - 11th Avenue SW
Calgary, Alberta T2R 1K9
Ph: (403) 229-3666
Fax: (403) 229-2269
Contact: Mr. M. T. Moriarity, P. Eng.
Founded: 1963

Management and engineering consultants with proven capabilities in the fields of agricultural, industrial, municipal, institutional and commercial design. The firm has extensive experience in economic evaluation studies and project management. MHL has completed over 2,000 projects with a combined value in excess of $2 billion. Individual project values have ranged from several thousand dollars to over $45 million.

- PROGRAMS OR COURSES

In conjunction with Fairview College, has training expertise in the following:

Livestock Housing & Production: Barns & feedlots; waste management systems; feed mills; feed storage and distribution systems; abattoirs.

Crop Production, Storage and Distribution: Land classification and soil analysis; irrigation; greenhouses; materials handling systems; farm site storage facilities; major storage and distribution terminals; transportation networks, including roads and bridges.

Irrigation and Water Conservation: Land classification and soil analysis of rainfall and run-off characteristics; storage reservoirs, including canals, piping, structures, dams, etc.; water application systems; drainage and erosion controls; seepage control.

- STAFF

A highly trained and experienced staff of professional engineers as well as the ability to draw from the expertise of Fairview College allow MHL to offer such a wide range of management and engineering services.

- FACILITIES

Classroom and shop facilities in conjunction with Fairview College agricultural and trades courses.

MONENCO LIMITED

400 Monenco Place
801 - 6th Avenue SW
Calgary, Alberta T2P 3W3
Ph: (403) 298-4170
Telex: 038-22636
Contact: Mr. R. L. Benson
Vice President, Western Region
Founded: 1969

Monenco's staff has provided seminars, courses and other training services for a wide range of engineering/technical management areas. It is the company's philosophy that instructors function most effectively if they are continuously gaining solid experience in the areas about which they teach; hence, Monenco draws instructors from the ranks of its skilled technical staff and provides them with training in teaching and presentation methods. In this manner the company has built up a staff of skilled personnel who are accustomed to lecturing and providing hands-on instruction to many different types of trainee groups. Training has been offered to participants from many overseas countries, either in Monenco's Calgary office or in the clients' overseas facilities. Monenco has experience in many types of training, including structured classroom presentation, hands-on training and transfer-of-technology programs using a counterpart system. Monenco's instructors are fluent in many European and Asian languages.

- PROGRAMS OR COURSES

Oil & Gas Industry: Project management and computerized control systems, planning and scheduling, cost control estimating, process technology, design engineering, construction management techniques, plant operation and off-shore marine technologies. **Other Resource Industries:** Power generation technology, load forecasting for electric utilities, hydrology and river basin planning, hydraulics, dam safety, geotechnical engineering, soil surveys and mapping, terrain analysis, soil analysis, agricultural production, data collection. **Computers:** Data base management, on-line systems, micro-computer applications, spatial analysis, series of courses on computer-aided design for applications at the basic and advanced levels. **Management Training:** Organization studies and cost/benefit analysis, project management and electronic communications. **Other:** Reclamation and environmental management. Occupational health and hygiene programs.

- STAFF

More than 30 engineers, research scientists, economists, and computer specialists, all with training experience. Instructors are practising professionals and training is practically oriented. Technology transfer and project related training have been provided in Grenada, (sewage treatment), Indonesia (agricultural/river basin planning) and the transfer of engineering and management knowledge for an on-the-job setting at a power plant, also in Indonesia.

- FACILITIES

Monenco Analytical Laboratories in Calgary provide analytical support services for industry and government. Chemical and physical testing of samples of water, soil, sediment, air, plant tissue, fish and industrial waste. These facilities are capable of measuring natural and man-made radioisotopes and carrying out research development studies on waste treatment and management, organic and inorganic compounds, industrial process studies, and radioactivity transport studies.

THE 10 PLANNER CORPORATION

914 - 15 Avenue SW
Calgary, Alberta T2R 0S3
Ph: (403) 245-6820
Contact: Brian G. Harrington, *President*
Founded: 1987

The 10 PLANNER Corporation is a software development, sales and support company. 10 PLANNER is a software product whose strengths are three-dimensional data cubes (worksheets), consolidations, scenario analysis, modelling, integration of reporting and graphics; all fully functional on PC and mainframe computers.

- PROGRAMS OR COURSES

Specializes in computer-based training for financial planning and decision support activities.

- STAFF
  Staff is qualified in all areas of education and technology including development, testing, education, applications and innovative instructional design.
- FACILITIES
  A dedicated classroom for 10 with individual PCs and all audio/visual components.
- TRAINING FEES
  Courses vary between beginners (three days) and advanced (one day) and fees range between $300 and $895.

THE TRAINING GROUP INC. (TTG)

Suite 202, 4220 - 98 Street
Edmonton, Alberta T6E 6A1
Ph: (403) 462-6365
Fax: (403) 450-0186
Contact: Don Manuel, Ph.D. or Terry Harrisbn, M.Ed.
Founded: 1974

TTG provides a complete training system development service for industry. Operator, technician and special safety training systems developed by TTG are now in use by numerous multinational corporations. These systems are customized to site specific equipment and processes in mining, oil, gas, refining, chemicals, pipelining, utilities, computer control and maintenance. Training is competency-based, designed to be operated by the client, integrated with operations and easily updated electronically.

TTG also develops interactive video training systems with over 20 programs in use. Highlighted are 15 programs in cardiology and emergency response training for medical personnel.

- PROGRAMS OR COURSES
  In addition to custom training development, TTG offers general supervisory training, training for trainers and training program development courses.
- STAFF
  Thirty-eight full-time specialists and production personnel use the most up-to-date computer, graphics, publishing and video equipment at Head Office in Edmonton. TTG also has personnel in Toronto and Nanaimo.
- FACILITIES
  TTG maintains a large production department complete with: full range of desktop publishing software and hardware for MacIntosh and IBM environments. Scanners, OCR and laser printers. Technical drawing and illustrating. Interactive video systems including Infowindow, Modem and facsimile data transmission.

SAFETY BOSS LTD.

Suite 333, 1010 - 1 Street SW
Calgary, Alberta T2R 1K4
Ph: (403) 261-5075
1-800-332-1177
Fax: (403) 266-6093
Contact: Mr. J. R. (Ian) McCarthy, *Training Co-ordinator*
Founded: 1956
The Canadian Blowout Company

Safety Boss Training Services specializes in on-site safety training for all sectors of the petroleum industry. They also supply independent investigative services for industrial accidents.

- PROGRAMS OR COURSES
  Courses are available in H_2S in both the Alive and Rescue. First Aid Emergency and standard St. John's courses, CPR, Heart Saver and Basic Rescue, through both St. John's Ambulance and Canadian Heart Foundation, Mount Royal College. Also available: the Canadian Safety Council, DDC, six or eight-hour courses and P.D.I.C. For Transportation of Dangerous Goods, the Danatec System is used and WHMIS through the Petroleum Association course.
- TRAINING FEES
  Course cost depends on exactly what the customer requires of the instructors and course locations. Prices are customized as are the courses to the needs of the individuals.

STEVENSON KELLOGG ERNST & WHINNEY MANAGEMENT CONSULTANTS

Suite 2800,
10104 - 103 Avenue
Canada Trust Tower
Edmonton, Alberta T5J 0H8
Ph: (403) 429-1407
Fax: (403) 424-2465
Contact: Mr. Gabe C. Shelley
Founded: 1936

Stevenson Kellogg Ernst & Whinney is an employee-owned Canadian firm of management consultants who have been serving every level of government, private business and industry, and the not-for-profit sector since 1936.

Its depth of expertise makes Stevenson Kellogg Ernst & Whinney one of the most diversified management consulting firms in the world. Capability and a demonstrated ability to tackle the full range of management problems and opportunities facing clients today.

- PROGRAMS OR COURSES
  Stevenson Kellogg Ernst & Whinney has extensive experience in the field of training. Some of the courses offered include: Supervisory Skills Training (Ongoing); Team-Building; Stress Management courses; Interpersonal Skills Management; Time Management workshops; Communications workshops; Methods Engineering; Quality Control for Supervisors; Training in Pay Equity in the workplace.

  For Alberta Economic Development and Trade, the company has developed and presented various seminars and workshops in all elements of Physical Distribution including: General Awareness Seminar; Inventory Workshop; Transportation Workshop; Warehousing Workshop; Customer Service Workshop; Computer Application Workshop.
- STAFF
  Staff specializes in management training programs and seminars. In addition, many of our consulting staff combine research projects with management development programs.
- FACILITIES
  Depending on the course, on-site training is available for many of our clients.

UNITED RESOURCE SAFETY LTD.

#330, 2912 Memorial Drive SE
Calgary, Alberta T2A 6R1
Ph: (403) 273-7774
Contact: Mr. Fred Farmer, *Sales Manager*

UNITED SAFETY provides training for fundamental safety and loss control. The training incorporates three-day courses for such training as Fire Training to three-week courses on the Management Guide to Loss Control. United Safety has the staff to design and instruct custom-training courses that would address safety concerns in any industry.

- PROGRAMS OR COURSES
  Fire Prevention; Fire Fighting; Security Programs & Programming; Introduction to Loss Control Management; Accident/Incident Investigation; Production Facility Safety; Training Skills for Supervisors; Work Place Hazardous Materials Information Systems (WHMIS); Transportation of Dangerous Goods; Confined Space Entry; Defensive Driving (Canada Safety sanctioned); Driver Improvement; Emergency Response Planning; First Line Supervisors Blowout Prevention (PITS sanctioned); On-the-Job Blowout Prevention for Drill Crew; Advanced Well Control for Drilling Supervisors; Well Service Blowout Prevention (PITS sanctioned); Well Service Blow-out Prevention for Supervisors; H_2S Alive (PITS sanctioned); Emergency First Aid (St. John's Ambulance sanctioned); Cardio-pulmonary Resuscitation (Canadian Heart Foundation).
- STAFF
  United Safety's experienced staff is headed by a Training Co-ordinator with 10 years' industry training experience. The Training Co-ordinator supervises a staff of 15 instructors versed in several different training disciplines.
- FACILITIES
  Classroom facilities for up to 20 students in Calgary. United uses and manufactures mobile training modules for on-site training needs.

UPGRADE UNLIMITED

53266 Range Road 210
Ardrossan, Alberta T0B 0E0
Ph: (403) 922-3104
Telex: 03-73366
Contact: Mr. Robert W. Lasby, P. Eng., Principal
Founded: 1982

Specializes in the development and presentation of in-house training programs for the upgrading and/or re-training of client staff in the areas of oil/gas production corrosion control, water treatment, protective coatings and linings, coating inspection, and the training of sales/marketing staff for companies with corrosion control products. In addition to custom-designed courses to meet the client's own specific training needs, the National Association of Corrosion Engineers (NACE) education and training courses are available for presentation on an in-house, contract basis for domestic and overseas firms. These courses emphasize the technical aspects of corrosion control, monitoring and inspection procedures.

- PROGRAMS OR COURSES
  Short courses (two to four days in length) on corrosion control in oil and gas production and pipelining, water flood corrosion control, protective coatings and linings, coating inspection, coating selection and costing, corrosion monitoring.
- STAFF
  Robert W. Lasby is a Consulting Corrosion Engineer and accredited NACE Corrosion Specialist and Certified Coating Inspector. He has presented over 80 courses, primarily of four and one-half-day's (34 hours') duration - Other expert instructors are available as required and qualified demonstrators are provided for courses involving hands-on instruction.
- FACILITIES
  One classroom is available in Edmonton for up to ten students.
- TRAINING FEES
  (Exclusive of living costs or room and board). Normally $125.00 to $150.00 per student per day for available short courses of one to four days, with additional fee for development of custom material. Fees for NACE courses are per current NACE schedule.

POST SECONDARY INSTITUTIONS

ALBERTA VOCATIONAL CENTRE - CALGARY

332 - 6 Avenue SE
Calgary, Alberta T2G 4S6
Ph: (403) 297-3930
Fax: (403) 297-4081
Contact: Dr. Fred J. Speckeen, *President*

The Centre, administered by Alberta Advanced Education, is located in Calgary's downtown business district. AVC educates adults in southern Alberta for employment through academic upgrading and skill development. Programs are short in duration and provide both the academic base and practical experience to enable adults to succeed in further education or the career of their choice.

Training 6,500 full time and 17,000 part time learners annually, the academic and vocational programs are also delivered outside the main campus to approximately 30 southern Alberta communities expressing a need.

Alberta Vocational Centre employs curriculum design specialists who custom-design training programs for Calgary and area business and industry.

- PROGRAMS OR COURSES
  AVC offers basic education, academic upgrading, and General Education Diploma (GED) preparation and testing programs. Adults may resume their education where it was left unfinished and see it through to high school completion. The Centre offers one of Alberta's largest English as a Second Language (ESL) programs and delivers specialized ESL to business and industry. Academic and job training courses for the deaf are offered. In cooperation with the Faculte Saint-Jean, AVC delivers credit and non-credit courses in French to Calgary's Francophone population.

  Vocational programs include business careers, nursing assistant, hospital unit clerk, homemaker, plant care, building service worker, security officer training, hotel and restaurant hospitality, care attendant for the physically disabled, computer training and repair, landscape maintenance and design, resident manager, and supervisory training programs. A primary component of most AVC vocational programs is on-the-job work experience, to develop practical skills and provide a true taste of the occupation being pursued.

  AVC's full-time and over 60 part-time programs and courses can be adapted to business and industry for staff development.
- STAFF
  The Centre currently employs 360 full and part-time instructional staff. Faculty have undergraduate/graduate degrees, specializing in adult education, ESL, linguistics, nursing and business. Many staff come from business, health care, hospitality, and other service industries.
- FACILITIES
  In addition to classroom facilities, the Centre has special purpose laboratories, library facilities offering tutorial assistance, a wide range of computer hardware and software, and computer-managed learning capabilities.

ALBERTA VOCATIONAL CENTRE - EDMONTON

Downtown Campus
10215 - 108 Street
Edmonton, Alberta T5J 1L6
Ph: (403) 427-2741
Fax: (403) 427-5465
Contact: Bill Sokolik, *Vice President, Academic*
Founded: 1965

The Alberta Vocational Centre, Edmonton, provides educational opportunities for adults who require academic upgrading (Grades 1-12), English as a Second Language (ESL) training and/or short skill training in order to obtain gainful employment.

- PROGRAMS OR COURSES
  The academic upgrading programs range from basic education to the high school level (Grades 1-12). Programs at the high school level lead directly to employment or provide prerequisites necessary to enroll in a college, university or technical institute. The Centre's skill training programs are short, intensive and practical, specifically designed to provide the graduate with job-related skills. Program areas include business, health and industrial

(Building Service Worker, Introduction to Food Preparation, Mixology, Offset Printing, Transitional/Vocation). The Centre also offers extensive English as a Second Language training.

Through its Continuing Education Division, AVC-Edmonton is involved in distance education, inservice training and programming for inmates at correctional centres in the province. AVC-Edmonton ventured into international education in 1983. A majority of the overseas activities have focused on Adult Basic Education and have been offered in cooperation with the government of Singapore.

- STAFF
AVC-Edmonton employs 291 staff. Due to the nature of the institution, AVC-Edmonton hires instructors with experience and expertise in adult education.
- FACILITIES
AVC-Edmonton operates from three Edmonton-based campuses. Laboratory facilities are available and classrooms for the career programs simulate the industry setting for which the students are being trained.

ALBERTA VOCATIONAL CENTRE - LESSER SLAVE LAKE

Grouard Campus
Mission Street,
Grouard, Alberta T0G 1C0
Ph: (403) 751-3915
Contact: Mr. Dan Vandermeulen, *President*
Founded: 1972

The Alberta Vocational Centre - Lesser Slave Lake was established in the summer of 1988 with the amalgamation of the former Community Vocational Centres in Slave Lake and the Alberta Vocational Centre - Grouard. AVC-Lesser Slave Lake is a multi-campus institution with education services in over 20 communities in northwestern Alberta. The Centre offers a full range of programs from academic upgrading to one-year certificate programs in areas such as business, pre-employment trades, resource technologies, health care and native cultural arts.

The Centre is cognizant of training needs in the region and works closely with communities, business and industry to design and deliver programs to satisfy those needs.

- PROGRAMS OR COURSES
Academic programs from a basic level to high school and university level. English as a Second Language is also available. Various trades training in Motor Mechanics, Welding, Carpentry, Cabinetmaking and Cooking at a pre-employment level. Resource technology programs: Forestry, Survey, Power Engineering and other oil and gas-related programs. Business programs: Small Business Management, Band Administration and Secretarial Skills. Health Care programs: Nursing Assistant, Social Services Worker and Family Support Worker. Unique Native Cultural Arts programs are also offered. A variety of general interest and professional development short courses are available through the Continuing Education Division.
- STAFF
Approximately 80 full-time and 10 part-time instructional staff with certificates and degrees ranging from journeyman level to Master's degrees.
- FACILITIES
The main campus at Grouard has classrooms, shops, science and computer laboratories, a Learning Resources Centre, daycare, cafeteria and residence building. A family student-housing project is currently under construction. Classroom facilities are available at Slave Lake and a new campus is also under construction. There are eighteen education centres with classroom facilities in communities throughout the service region. In addition to classroom instruction, AVC-Lesser Slave Lake utilizes computer-managed learning and distance education systems to deliver programming.

ALBERTA VOCATIONAL CENTRE - LESSER SLAVE LAKE

Slave Lake Campus
Box 1280
Slave Lake, Alberta T0G 2A0
Ph: (403) 849-7160
Contact: Mr. Bert Seinen
Director, Student Services
Founded: 1972

AVC - Lesser Slave Lake is one of four Alberta Vocational Centres. It is a community-based institution with 18 centres and two campuses spread throughout North-central Alberta. Each community has a Community Education Committee which provides direction to the local Adult Education Centre. These committees selection a representative who sits on a Council of Community Education Committees that provide overall direction to the President of AVC - Lesser Slave Lake. Primary focus is to provide academic upgrading to local residents. Secondary focus provides graduates of academic upgrading the opportunity to acquire skills so they may participate in the economic development of North-central Alberta.

- PROGRAMS OR COURSES
  Vocational programs include academic upgrading from basic literacy to high school completion, Secretarial Skills Social Services Worker Diploma, Small Business Management, Computer Accounting, Band Administration, Bank Teller, Community Recreational Leadership, Nursing Assistant, Family Support Worker, Nursing Refresher, Personal Management, Motor Mechanics, Carpentry, Cabinet Maker, Cook Training, Welding, Forestry, Survey Technician, Material Resource Worker, Traditional Native Arts, Textiles and Clothing Design, Cross Cultural Awareness, Emergency Medical Technician, Oilfield Maintenance, Truck Driver, Small Engine Mechanics and Certificate in Business Management.
- STAFF
  Sixty-three full-time and 116 part-time instructional staff with appropriate qualifications teach in 20 centres.
- FACILITIES
  The Grouard Campus includes classrooms, shops, residences for single students and families, food and recreation services and a daycare. A new campus is currently being constructed in Slave Lake. Community-based centres range from a single classroom unit to a multi-classroom facility. Mobile classrooms provide itinerant programs in Skill Training.

FAIRVIEW COLLEGE

Box 3000
Fairview, Alberta T0H 1L0
Ph: (403) 835-6600
Contact: Mr. Fred Trotter, *President*
Founded: 1951

Fairview College, located in northwestern Alberta, is a two-year technical, vocational residential institution specializing in agriculture and technical training. The agricultural programming includes animal health technology, livestock production, crop production, turfgrass technology, beekeeping, etc. The College has experience in designing training to meet current skill levels and needs of participants from overseas countries. The College's tropical beekeeping and motorcycle mechanics programs are unique to Canada. Its English as a Second Language program is combined with occupational skill developments for microcomputers, small equipment mechanics or commercial cooking.

- PROGRAMS OR COURSES
  Agricultural sciences in areas of animal health technology, turfgrass management technology as well as farming practises and agricultural service industries. Business studies and accounting and administration with emphasis on local government administration and small business management. Full range of trades training at pre-employment, certificate and journeyman levels. Fair view College has engaged in at least one international effort per year over the last nine years and has overseas students studying at the College from Uganda and Tanzania.
- STAFF
  Approximately 100 full- and part-time instructional staff, several of whom have teaching, administrative and education administrative experience in several African countries, Bolivia, India, Malaysia and the Philippines.
- FACILITIES
  Agricultural facilities and equipment to provide complete instruction in all areas of livestock and crop production, greenhouses, demonstration apiary, specialty labs, trades workshops, and residential accommodation.

GRANT MacEWAN COMMUNITY COLLEGE

7th Street Plaza
10030 - 107 Street
Edmonton, Alberta T5J 3E4
Ph: (403) 441-4832
Contact: Ms. Kathy Higgins
Founded: 1971

The College has long been involved in designing and delivering tailor-made packages ranging from workshops to entire programs. These specialized offerings are given at clients' premises as well as regular campus locations. The College offers an International Business Certificate directed towards Alberta business people to improve their international business skills as part of the College's Management Studies Program.

- PROGRAMS OR COURSES
  There are 40 credit programs in Business, Communication Arts, Community Services, Health Sciences, Performing and Visual Arts, and University Transfer. Community education programming includes E.S.L., inmate education, senior studies, multicultural programs etc.
- STAFF
  One hundred and forty-four full-time and 425 part-time academic staff. College staff have experience in Uganda, Malawi, Malaysia, People's Republic of China, Philippines and Ecuador.
- FACILITIES
  A range of laboratory and special-purpose instruction facilities for microcomputers, language, visual arts, audio-visual communication, journalism, and nursing.
- TRAINING FEES
  Fees vary by program. Special training fees are negotiated.

GRANDE PRAIRIE REGIONAL COLLEGE

10726 - 106 Avenue
Grande Prairie, Alberta
T8V 4C4
Ph: (403) 539-2911
Contact: Terry Fleming, *Project Officer - Extension Services*
Founded: 1966

Grande Prairie Regional College provides preparatory, vocational and university transfer programs. Many career programs are available to prepare individuals for employment and custom-designed programs can be prepared to meet short-term career training needs.

- PROGRAMS OR COURSES
  English as a Second Language, Business Entrepreneur, Power Engineering, Computer Systems Technology, Business Administration, Academic Upgrading, Heavy Transport, Industrial Safety, Consumer Electronics, Diploma Nursing, Early Childhood Development Rehabilitation Services and one or two-year university transfer programs in most disciplines.
- STAFF
  Approximately 120 instructors. Journeyman qualification in all instructed fields of technical training, graduate degree for most career programs and preference for doctoral degrees for university transfer programs.
- FACILITIES
  In addition to classrooms, laboratories and shops, Grande Prairie Regional College offers a unique learning environment. The open main campus and small student/faculty ratios ensure access to instructors and support learning. Learning is also enhanced by the distinctive design of the college's theatre; by the fitness, athletic and recreational facilities and programs, and by the Learning Resource Centre's excellent complement of books, periodicals and audio visual materials.

KEYANO COLLEGE

International Education Office
8115 Franklin Avenue
Fort McMurray, Alberta
T9H 2H7
Ph: (403) 791-8967
Fax: (403) 791-4868
Contact: David Scott, *Coordinator of International Projects*

Keyano College is a comprehensive post-secondary institution dedicated to providing adults with a wide range of educational opportunities and to pursuing community service initiatives that enhance the quality of life.

- PROGRAMS OR COURSES

The College's academic division includes full programming in Adult Basic Education, Business Administration, Business Education, College Preparation, Computer Business Systems, Early Childhood Development, Occupational English, and University Transfer.

Other divisions include Hospitality and Culinary Management, Nursing, Trades and Technology (including apprenticeship programs, pre-employment trades programs, and technical programs), and Community and Instructional Support Services which assists the community in meeting its educational, recreational and professional development needs by offering credit, non-credit and client specific courses and programs.

Heavy industrial equipment programs offered include Heavy Equipment Operator, Backhoe Operator, Truck Transport Driver, School Bus/ Bus Operator, and Grader Operator.

The College will develop, administer and/or participate in international development projects consistent with the priorities of the Canadian International Development Agency, with particular focus on The Americas, Latin America and the Caribbean, Africa and Asia. It is interested in all international projects that emphasize curriculum, human resource and system development which promote the capability of developing nations to help themselves.

- FACILITIES

Clearwater Campus, housing classrooms, offices, laboratories, a library, and a 570-seat theatre. Residence accommodation for 118 single students is in the adjacent Clearwater Hall.

MacKenzie Campus, situated on 860 acres, is the College's heavy industrial campus and is the largest of its kind in Canada. The campus delivers a variety of industrial programs locally, provincially and internationally.

Riedel Place, housing 104 student families in 82 townhouses and two apartment buildings. The facility includes a daycare centre.

LAKELAND COLLEGE

Lakeland College
Vermilion, Alberta T0B 4M0
Ph: (403) 853-8400
Contact: Mr. Ted Sutton, *International Education Officer*
Founded: 1913

Lakeland is an interprovincial college serving the education needs of northeastern Alberta and northwestern Saskatchewan. The College offers programs in agricultural sciences, business administration, design and drafting technologies, early childhood development, environmental sciences, heavy oil operations, technician & pre-employment programs.

- PROGRAMS OR COURSES

Agricultural machinery, agricultural systems, animal health, herd health, crops and machinery. Business courses offered in accounting, agribusiness, appraisal and assessment, data-processing and management. Various trades training in electrical, motor mechanics, plumbing, industrial cooking, heavy oil operations. Aerial applications for crop and forestry management. Currently training students from Thailand in swine production and consulting in Thailand on crop protection methods.

- STAFF

Approximately 107 instructional staff employed through the College.

- FACILITIES

Specialized lab facilities, trades shops, agricultural facilities and residential accommodation. Computer hardware and software for monitoring aerial applications.

LETHBRIDGE COMMUNITY COLLEGE

3000 College Drive South
Lethbridge, Alberta T1K 1L6
Ph: (403) 320-3200
Contact: Dr. R. H. Balsdon, *Vice-President, Academic*
Founded: 1965

The College has the second-largest enrolment in the Province of Alberta for students specializing in agricultural-related studies. Programs include animal and crop production, agricultural mechanics, watershed management and irrigation technology, meat processing, etc. The largest Agriculture Research Station in Canada is located in Leth-

bridge, and provides a community resource to the College. As well, the College has an agricultural building and 65 acres of land for crop and irrigation project work. The College offers an environmental science and law enforcement program. The trades division offers a wide range of apprenticeship programs in the areas of automotive, heavy duty equipment, agricultural mechanics, electrician, welding, sheet metal and carpentry.

- PROGRAMS OR COURSES
  Renewable resources: watershed management, renewable resource management, conservation enforcement and fish and wildlife technology. Agricultural technology: specializing in irrigation. Electronics technology and technician, computer science. Courses in rehabilitation services, recreation management, business administration, civil engineering technology, etc. The College is currently involved in International Education projects in Ethiopia, Thailand and Costa Rica. Also provides training in English as a Second Language.
- STAFF
  One hundred and sixty full-time faculty with academic qualifications ranging from undergraduate to Ph.D. degrees. Trades training staff have appropriate trades qualifications.
- FACILITIES
  In addition to classroom facilities, the College has a 65-acre agricultural facility, 20 trade shops, 10 technology labs with lab facilities in automotive mechanics, electronics, computer-assisted drafting, hydraulics, etc. Library facilities have on-line data computer services, computer-managed learning facilities, inter-library loans, etc. Other teaching centres are in North Lethbridge, Taber, Pincher Creek and the Crowsnest Pass.

MEDICINE HAT COLLEGE

299 College Drive SE
Medicine Hat, Alberta
T1A 3Y6
Ph: (403) 529-3801
Fax: (403) 529-2437
Contact: Dr. Terence Weninger, *Vice President*
Founded: 1965

Medicine Hat College, located in southeastern Alberta, is a comprehensive community college with campuses in Medicine Hat and Brooks. In addition to the 2500 students registered in university transfer, diploma, certificate, college preparation and trades courses, the Community Education Division offers a wide variety of courses to the general public, local business and industry. The Conservatory of Music and Dance, with over 700 registrations, provides opportunities for lessons in individual instruments, ballet, ensembles and voice. During the year many educational conferences take advantage of the college's facilities which include condominium housing for 250 and a food service. Local community organizations use the College's facilities and grounds.

- PROGRAMS OR COURSES
  One and two-year university transfer programs, transferable to many Canadian and USA universities, diploma and certificate programs that include Business Administration, Computer Aided Drafting, Computer Application Technology, Early Childhood Development, Nursing, Office Technology, Power Engineering Technology, Rehabilitation Services, Travel Consultant, Visual Communications and Apprenticeship programs are offered. A large number of entry level programs, e.g. English as a Second Language, Adult Basic Education and Grades 9-12 high school equivalency programs are also available. The Conservatory of Music and Dance offers private and group instruction. Community Education contracts with local businesses for specific types of training and a variety of CJS sponsored programs. Also, the College is currently involved in a training project for College Administrators from Thailand.

- STAFF
  Approximately 120 full-time faculty with qualifications from Journeyman Certificates to Ph.D.s. Many additional instructors are employed for special programs and projects.
- FACILITIES
  In addition to classroom and seminar facilities, the College has two modern computer labs, a computer-aided drafting lab, a mock hospital, well equipped visual communication/graphic art labs, science labs, a model secretarial office, a language lab, and apprenticeship training labs. The College's Cultural Centre is the hub for the City of Medicine Hat's cultural programs and the College Department of Music and Dance. Students have access to a 60,000 volume library and an innovative Study Skills Centre. A new campus is planned for Brooks. The College's 547-seat theatre is the only large theatre in the region and is used extensively by community groups.

MOUNT ROYAL COLLEGE

4825 Richard Road SW
Calgary, Alberta T3E 6K6
Ph: (403) 240-6111
Contact: Mr. Hunter Wight, *Director, Public Affairs and Development*
Founded: 1910

Mount Royal College offers university transfer (one and two-year programs), two-year career diploma programs, certificate programs and an array of continuing education and music courses. Several Co-operative Education programs combine in-class study with paid, on-the-job work terms. Certificate programs allow professional upgrading on an evening, part-time study basis. Continuing education courses can be custom designed in a variety of professional areas. Enrolment: 6,000 credit students per semester; 22,000 registered in continuing education courses per year; 9,000 registered in music.

- PROGRAMS OR COURSES
  Diplomas (some university transferable): aviation, business, communications, computer science, criminology, early childhood, environmental technology, interior design, music, nursing, occupational hygiene, petroleum, planning, secretarial, social services. University transfer: arts, commerce, education, engineering, physical education, science. English as a Second Language. Certificates in a variety of professional areas.
- STAFF
  Instructional: 174 full-time; 363 part-time. Support: 252 full-time; 549 part-time. Preference for hiring is given to individuals with Ph.D.s, followed by those qualified with a Master's degree.
- FACILITIES
  The main campus, located in southwest Calgary, is completing a major facility renovation and expansion project. The Downtown Campus is located on the LRT line. Student residences will be available for occupancy Fall, 1989.

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

11762 - 106 Street
Edmonton, Alberta T5G 2R1
Ph: (403) 471-7524
Telex: 037-3768
Fax: 471-8583
Contact: Mr. Ken Ohashi, *Director, International Education & Technology Transfer*
Founded: 1963

The Institute provides certificate and diploma programs, trades training, and continuing education (part-time). Since 1984, NAIT has had an office of International Education & Technology Transfer.

- PROGRAMS OR COURSES
  Petrochemical and petroleum engineering technologies. Instrumentation engineering technology. Earth resources technology (mineral engineering, petroleum exploration, water resources, forest technology). Programs in electronics and computer systems including telecommunications engineering. Trade programs in 22 disciplines include electrical, heavy equipment mechanics, telecommunications, welding, machinists, etc.

- STAFF
  NAIT has over 750 instructional staff. Experience in designing technical institutes and providing teacher training (training trainers) in overseas locations.
- FACILITIES
  In addition to classrooms, laboratories and shops, NAIT has unique laboratories related to petroleum training that are equipped with simulators. Electrical laboratories include computer-aided design for drafting and chip design.

OLDS COLLEGE

P.O. Bag #1
Olds, Alberta T0M 1P0
Ph: (403) 556-8200
Telex: 03824794
Contact: Mr. Clare Sammons, *Manager, International Projects*
Ms. Gwen Koppang, *Administrative Assistant*
Founded: 1913

Located 90 kilometres north of Calgary, the Olds College campus is situated on a large farm. It is well equipped and stocked to meet all the needs of agricultural instruction and applied research. The primary mission of Olds College is to provide current quality education, training and services for people who are involved directly and indirectly in agricultural endeavours.

- PROGRAMS OR COURSES
  Programs in agronomy, horticulture and agricultural production. Land resource management program relative to oil and gas industry. Training and courses provided in teleconferencing, distance learning and computerized learning.

Vocational training and apprenticeship programs also provided. Presently there are students from China, Nicaragua, St. Vincent, Grenada and Costa Rica and the College has a four-year contract to train students from China. Staff have been involved in training needs studies in Colombia, Costa Rica, Ecuador and Thailand as well as technical assistance in Nicaragua and curriculum development in China.

- STAFF
  Specialists in most areas of agriculture-related technology, with educational qualifications at the diploma or university degree level (up to Ph.D.), as well as extensive experience.
- FACILITIES
  International programs run from August to July under special contract instruction. The College has a 500 hectare farm site, soil labs, plant labs, greenhouses and joint research facilities.

RED DEER COLLEGE

Box 5005 Red Deer College
Red Deer, Alberta T4N 5H5
Ph: (403) 342-5500
Contact: Dr. Donna J. Allan, *Academic Vice President*
Founded: 1964

This comprehensive community college offers a full range of programs from basic literacy to university-level courses for transfer of credit to degree-granting institutions. Formal certificate and diploma programs in technical and trades training areas vary in length from 8 months to 22 months. In addition, management development courses meet the needs of local business and industry. The College has a recently-completed Performing Arts Centre with up-to-date equipment. Seven academic divisions are staffed to provide short program/course training for business and industry.

- PROGRAMS OR COURSES
  Short courses in technical training, service sector employment, computer technology, business administration, biological sciences technologies including pharmacy technician and nursing. The College offers an extensive English as a Second Language (ESL) program.
- STAFF
  Two hundred full-time staff. Journeyman qualifications in all instructed fields of technical training, graduate degrees for all career development programs and university transfer programs. Staff have experience in providing training in several African countries (Uganda, Kenya, Malawi) and waterwell drilling in Indonesia.
- FACILITIES
  Excellent classroom facilities and a Fine and Performing Arts Centre. Laboratory facilities for sciences, nursing, computers and vocational apprenticeship programs in carpentry, electrical, plumbing, automotive, autobody welding, etc. A Library Resources Centre for support at all levels up to second-year university.

SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY

1301 - 16th Avenue, NW
Calgary, Alberta T2M 0L4
Ph: (403) 284-7063
Telex: 03-821989
Contact: Mr. Doug White, *Communications Manager*

SAIT offers over 55 full-time credit programs in the applied arts, trades, engineering technology and medical sciences and has an annual enrolment of 5,500 students. Studies prepare students for employment in specific areas following two-year diploma programs and one-year certificate programs. SAIT specializes in the development and delivery of courses, seminars and workshops for employee upgrading in business and industry.

- PROGRAMS OR COURSES
  Petroleum technology offers specializations in drilling, geology, reservoir, and production. Computer technology has a programming orientation. Electronics engineering technology deals with analysis and design. Industrial electronics technology focuses on installation and maintenance. Telecommunications engineering technology is oriented toward design and maintenance aspects. Business administration has majors in accounting, marketing, administration, hotel and restaurant administration. SAIT can assist in organizing company attachments for on-the-job experience. SAIT has recently been active in petroleum industry training for participants from the People's Republic of China with courses offered both in China and Alberta.
- STAFF
  SAIT has nearly 900 instructional staff specializing in a wide variety of trades areas and academic disciplines.
- FACILITIES
  Has a wide range of teaching lab facilities for practical hands-on training experiences. SAIT's instructional facilities are usually available from June to August each year.

UNIVERSITY OF ALBERTA

Rm. 3-12 University Hall
The University of Alberta
Edmonton, Alberta T6G 2J9
Ph: (403) 432-3213
Contact: Dr. Brian L. Evans, *Associate Vice President (International Affairs)*
Founded: 1908

The University of Alberta provides training programs in a wide variety of areas. Among others, the Faculties of Engineering, Agriculture and Forestry, Business, Home Economics, Education and Medicine have been active in such programs for many years. In addition, the Faculty of Extension and the International Briefing Centre have conducted short-term programs leading to certificates of peformance and of attendance. The University has been the site for short courses dealing with water resources, teacher training, management, English as a Second Language, etc. In co-operation with the petroleum industry and various Alberta government departments, the University offers an eight-week summer program on petroleum topics for overseas participants.

- PROGRAMS OR COURSES
  Faculty of Engineering, Alberta Summer Institute for Petroleum Industry Development (ASIPID), Centre for Frontier Engineering Research (C-FER), Centre for International Education and Development, etc. Comprehensive services for foreign students are offered through the office of International Students and the International Briefing Centre. Overseas training has been provided in Kenya (management), China (management and human resource training), Thailand (education and petroleum short courses), and Brazil (management, engineering, home economics).
- STAFF
  Approximately 2,000 full-time professional staff and 500 part-time staff. Majority of full-time staff have advanced degrees to the Doctoral level. Through their departments and faculities, staff members have provided specialized short-term training programs for students from other countries.
- FACILITIES
  Classroom space available only from May to the end of August and requires prior arrangement. Complete range of lab facilities in sciences, engineering, medicine, etc. Labs operate year-round and overseas participants would benefit from this on-going operation. The University of Alberta's library collection is recognized as among the better collections in North America with total number of volumes approaching 2.8 million and 21,000 newspaper and periodical titles.

UNIVERSITY OF CALGARY

2500 University Drive NW
Calgary, Alberta T2N 1N4
Ph: (403) 220-6580
Telex: 038-21545
Contact: Dr. Lorna Cammaert, *Associate Vice President (Academic)*
Dr. Bruce Hamilton, *Dean, Faculty of Continuing Education*
Founded: 1966

The University has approximately 20,000 students in 16 faculties enrolled in four-year degree programs leading to Bachelor of Arts, Science, or Commerce degrees as well as Masters and Ph.D. level studies. Seminars and short courses (from one day to three weeks) are offered through the faculty of Continuing Education and the Centre for International Education and Business. These seminars and short courses relate to oil and gas technology and exploration, various aspects of business management, computer and telecommunications technology. Short courses and seminars of interest to overseas participants can be modified to meet their special requirements.

- PROGRAMS OR COURSES

Oil and gas, wide variety of specialized seminars and short courses designed for practising professionals. Seminars and special short courses relating to tar sands and coal mining. Wide variety of short non-degree courses for computer and micro-electronic training including telecommunications. Seminars and short courses for management training with specific applications from personnel to finance. More general short courses in legal and business areas to provide understanding of the Canadian business environment.

- STAFF

Academic staff of 1,255, the majority with doctorate degrees. University has a full-time C.I.D.A. co-ordinator and international student advisor to provide support to international students, both full-time and part-time. University has provided overseas training in Nepal and Gaza, and faculty members have recently worked in Indonesia, Ghana and China.

- FACILITIES

Modern classroom facilities and laboratories for engineering, chemistry, biochemistry, biology, computer science and languages. In addition to large central library there are specialized libraries for geology, medicine, environmental science and law.

WESTERRA INSTITUTE OF TECHNOLOGY

Box 5000, 4813 - 47 Avenue
Stony Plain, Alberta T0E 2G0
Ph: (403) 963-1000
Contact: Mr. Stuart Ross, *Vice President, Program & Learning Systems*
Founded: 1982

Located in the town of Stony Plain, 30 kilometres west of Edmonton, Westerra offers one-year certificate and two-year diploma programs in areas such as water and waste water technician, computer engineering technologist, electrical maintenance technician and gas distribution technician. The Institute works with business and industry to identify specific training needs and design courses to satisfy those needs.

Westerra is prepared to accommodate training of foreign students and will search out training with other Alberta institutions for programs it does not offer. In addition to traditional on-campus methods the Institute employs computer-based learning as well as out-reach programs, telephone tutorials and self study.

- PROGRAMS OR COURSES

Metal fabrication technician for manufacturing support to the oil and gas industry. Gas distribution technician. Computer engineering technology and microcomputer short courses. Electrical maintenance technician. Printing and graphic arts. Small business sector directs entrepreneurial business courses. A municipal business management course is under consideration. Westerra presently has a project for a number of students from Belize to study various municipal-related disciplines.

- STAFF

Forty-six full-time staff with certificates and degrees ranging from Alberta journeyman level to Masters' degrees in Engineering, Business and Education. Part-time staff complement programming needs.

- FACILITIES

Westerra has laboratories for training in microelectronics manufacturing, computers, graphic arts, and water and waste water treatment.

C

COURSE INDEX

ARTIFICIAL LIFT SYSTEMS

6 Ballater Resources Limited

15-16 Petroleum Technology Transfer Inc.

BLOWOUT PREVENTION

11 Leduc Safety Service Ltd.

COAL MINING/PREPARATION

22 Associated Mining Consultants Ltd.

26 Cyclone Engineering Sales Ltd.

COMPUTER AIDED DESIGN

25 Compu Draft Services Ltd.

10 Hyprotech Limited

29-30 Monenco Limited

COMPUTER COURSES/DATA PROCESSING

1 Alphatel Systems Ltd.

22 Amtek Testware Ltd.

6 BMP Energy Systems Ltd.

25-26 Coopers & Lybrand Consulting Group

3 CBTS - Computer Based Training Systems Ltd.

25 Compu Draft Services Ltd.

27 Delta Projects Inc.

10 Hyprotech Limited

19 Teknica Resource Development Ltd.

30-31 The 10 Planner Corporation

31 The Training Group Inc. (TTG)

20 Willowglen Systems Ltd.

CONSTRUCTION MANAGEMENT

29 K.R. Nichol & Associates Ltd.

29-30 Monenco Limited

12 Novacorp International Consulting Ltd.

CORROSION

25 Commonwealth Seager Group

29 K.R. Nichol & Associates Ltd.

33 Upgrade Unlimited

DRILLING

8 Challenger International Services Ltd.

13-14 Oilfield P.M. Services Inc.

15 Petroleum Industry Training Service

20 Westburne Drilling

DRILLING FLUID MANAGEMENT

19 Technifluids/NMC

DRILL STEM TEST ANALYSIS

9 Hugh W. Reid & Associates Ltd.

15-16 Petroleum Technology Transfer Inc.

ECONOMICS/OIL & GAS

10-11 Intercomp Resource Development & Engineering Ltd.

13 N.W. Miller & Associates Ltd.

EDUCATION & TRAINING

34 Alberta Vocational Centre - Calgary

34-35 Alberta Vocational Centre - Edmonton

35-36 Alberta Vocational Centre - Lesser Slave Lake

36 Fairview College

37 Grant MacEwan Community College

37 Grande Prairie Regional College

38 Lakeland College

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39-40 Medicine Hat College

40 Mount Royal College

40-41 Northern Alberta Institute of Technology

41 Olds College

41 Red Deer College

42 Southern Alberta Institute of Technology

42 University of Alberta

43 University of Calgary

43 Westerra Institute of Technology

ELECTRIC POWER GENERATION

29-30 Monenco Limited

ENHANCED OIL RECOVERY

8 D.B. Robinson & Associates Ltd.

9-10 Hycal Energy Research Laboratories Ltd.

17-18 Servipetrol Ltd.

EXPLORATION

13 N.W. Miller & Associates Ltd.

14 Petrel Consultants Ltd.

FLUIDS TESTING

8 D.B. Robinson & Associates Ltd.

GEOPHYSICS

9 G. Pye Seminars

GROUNDWATER RESOURCES

28 Komex International

HYDRAULIC SYSTEMS

2-3 Canada Training Group Inc.

29-30 Monenco Limited

HYDROLOGY

23 Canadian International Training Institute for Water Resources

29-30 Monenco Limited

INSTRUMENTATION

6 BMP Energy Systems Ltd.

29 K.R. Nichol & Associates Ltd.

12 Novacorp International Consulting Ltd.

20 Willowglen Systems Ltd.

LOG INTERPRETATION AND ANALYSIS

7 Canadian Stratigraphic Service Ltd.

8-9 Geotechnical Resources Ltd.

19 Teknica Resource Development Ltd.

MANAGEMENT TRAINING

25-26 Coopers & Lybrand Consulting Group

29 K.R. Nichol & Associates Ltd.

16-17 Portatrain On Site Training Ltd.

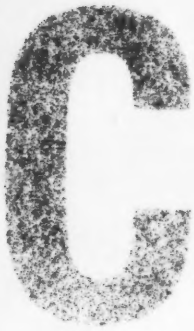
1-2 The Banff School of Advanced Management

3-4 The Centre for Training & Development

4	The International Centre
32	Stevenson Kellogg Ernst & Whinney
	NATURAL GAS PROCESSES
27	Delta Projects Inc.
10	Hyprotech Limited
12	Novacorp International Consulting Ltd.
18	SKM Consulting Ltd.
	NATURALLY FRACTURED RESERVOIRS
7	Bow Valley International Consulting Inc.
17-18	Servipetrol Ltd.
	PIPELINES
12	Novacorp International Consulting Ltd.
33	Upgrade Unlimited
	PREVENTIVE MAINTENANCE
27	Delta Projects Inc.
13-14	Oilfield P.M. Services Inc.
	PRODUCTION ENGINEERING
5	Adams Pearson Associates Ltd.
	PROJECT APPRAISAL
27	The DPA Group Inc.
27	Delta Projects Inc.
29	MHL International Limited
29-30	Monenco Limited
	RESERVOIR ENGINEERING/EVALUATION
5	Adams Pearson Associates Ltd.

8-9	Geotechnical Resources Ltd.
10-11	Intercomp Resource Development & Engineering Ltd.
15 16	Petroleum Technology Transfer Inc.
14	P.H.H. Petroleum Consultants Ltd.
17	Quantel Engineering (1981) Ltd.
	SAFETY
15	Alberta Petroleum Industry Training Service
2-3	Canada Training Group Inc.
27-28	Danatec Educational Services Ltd.
11	Leduc Safety Service Ltd.
29	K.R. Nichol Associates Ltd.
11-12	Norward Energy Services Ltd.
31	Safety Boss
32	United Resource Safety Ltd.
	SOUR GAS/SULPHUR PRODUCTION
7	Bow Valley International Consulting Inc.
27	Delta Projects Inc.
	TELECOMMUNICATIONS
21	Alta Telecom International
	TRAINING PROGRAMS
21	Agriteam Canada Consulting Services
5-6	Alberta Summer Institute for Petroleum Industry Development
1	Alphatel Systems Ltd.
23	F.G. Bercha & Associates (Alberta) Limited

2	Basic International Training & Consulting Ltd.
23	Canadian Educational Centre
24	Canadian Sports Academy
4	Dalcor Innoventures Ltd.
27	Delta Projects Inc.
29	MHL International Limited
16	Porteous Engineering Limited
17	Quantel Engineering (1981) Ltd.
31	The Training Group Inc.
	WATER RESOURCES
23	Canadian International Training Institute for Water Resources
28	Komex International
29-30	Monenco Limited
	WELL CONTROL
12-13	Nowsco Well Service Ltd.
16	Porteous Engineering Limited
20	Westburne Drilling
	WELL LOGGING
16	Petrophysical Consultants International Ltd.
19	Teknica Resource Development Ltd.
	WELL SERVICE
11-12	Norward Energy Services Ltd.
12-13	Nowsco Well Services Ltd.
16	Porteous Engineering Limited



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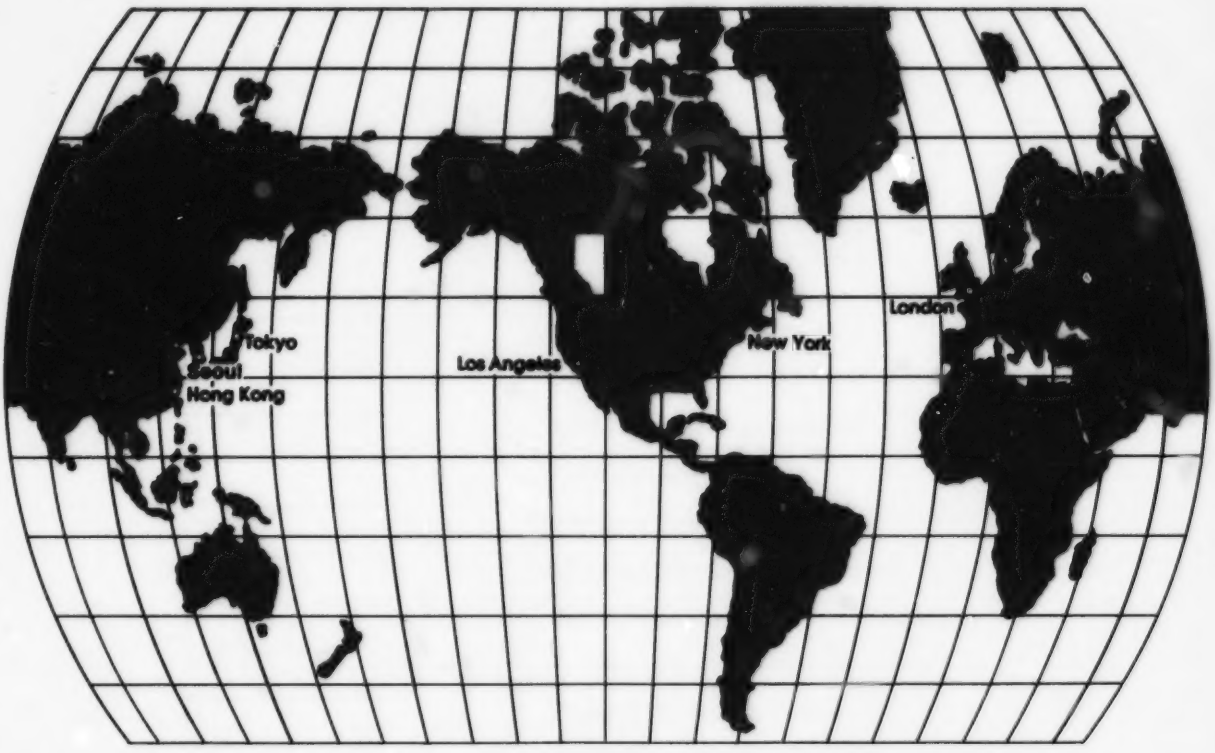

INTERNATIONAL REPRESENTATIVES

The Government of Alberta maintains offices in strategic locations around the world, in addition to the head office in Edmonton and branches throughout the province. Our international representatives can provide all the information required to initiate commercial or technological exchanges. They can also introduce potential investors to the unlimited opportunities available in Canada's Province of Opportunity. Feel free to use their services.

Alberta Economic Development and Trade
Trade and Investment Division
11th Floor, Sterling Place
9940 - 106 Street
Edmonton, Alberta
Canada T5K 2P6
Telephone: (403) 427-4809
Facsimile: (403) 427-0610
Telex: 037-2197

Commissioner General for Trade and Tourism
#1800, Royal Trust Tower
Edmonton Centre
Edmonton, Alberta
Canada T5J 2Z2
Telephone: (403) 422-9330
Facsimile: (403) 422-9340
Telex: 037-43185

Alberta House - Hong Kong
Rooms 1003-4, Admiralty Centre
Tower Two
18 Harcourt Road, Central
Hong Kong
Telephone: 011-852-5-284-729
Facsimile: 011-852-5-298-115
Telex: 802-61961

Alberta House - Seoul
Suite 400, Leema Bldg.
Executive Business Centre
146-1 Soosong-Dong
Chongro-Ku, Seoul 110-140
Telephone: (011) 82-2-733-1021
Telex: 801-29-132
Telefax: (011) 82-2-733-1028

Alberta House - Tokyo
17th Floor
New Aoyama Building (West)
1-1, 1-Chome Minamiaoyama
Minato-Ku, Tokyo 107
Japan
Telephone: 011-81-3-475-1171
Facsimile: 011-81-3-470-3939
Telex: 72-28543+

Alberta House - Los Angeles
333 South Grand Avenue
Suite 3535
Los Angeles, California 90071
U.S.A.
Telephone: (213) 625-1256
Facsimile: (213) 625-2107

Alberta House - New York
27th Floor
General Motors Building
767 Fifth Avenue
New York, New York 10153
U.S.A.
Telephone: (212) 759-2222
Facsimile: (212) 759-3682

Alberta House - London
1 Mount Street
London, England
W1Y 5AA
Telephone: 011-441-491-3430
Facsimile: 011-441-629-2296
Telex: 51-23461+